



U.S. Department of Justice

Federal Bureau of Investigation

Washington, D.C. 20535

ESQ. MARCIA HOFMANN
ELECTRONIC FRONTIER FOUNDATION
454 SHOTWELL STREET
SAN FRANCISCO, CA 94110

September 24, 2007

Subject: SYSTEM DCS-3000 and RED HOOK

FOIPA No. 1056287- 000 and FOIPA No. 1056307-1

Dear Ms. Hofmann :

The enclosed documents were reviewed under the Freedom of Information/Privacy Acts (FOIPA), Title 5, United States Code, Section 552/552a. Deletions have been made to protect information which is exempt from disclosure, with the appropriate exemptions noted on the page next to the excision. In addition, a deleted page information sheet was inserted in the file to indicate where pages were withheld entirely. The exemptions used to withhold information are marked below and explained on the enclosed Form OPCA-16a:

Section 552

- ☒ (b)(1)
- ☒ (b)(2)
- ☐ (b)(3) _____
- _____
- _____
- ☐ (b)(4)
- ☐ (b)(5)
- ☒ (b)(6)

Section 552a

- ☐ (b)(7)(A)
- ☐ (b)(7)(B)
- ☒ (b)(7)(C)
- ☐ (b)(7)(D)
- ☒ (b)(7)(E)
- ☐ (b)(7)(F)
- ☐ (b)(8)
- ☐ (b)(9)
- ☐ (d)(5)
- ☐ (j)(2)
- ☐ (k)(1)
- ☐ (k)(2)
- ☐ (k)(3)
- ☐ (k)(4)
- ☐ (k)(5)
- ☐ (k)(6)
- ☐ (k)(7)

502 page(s) were reviewed and **342 page(s)** are being released.

☐ Document(s) were located which originated with, or contained information concerning other Government agency(ies) [OGA]. This information has been:

- ☐ referred to the OGA for review and direct response to you.
- ☐ referred to the OGA for consultation. The FBI will correspond with you regarding this information when the consultation is finished.

☐ You have the right to appeal any denials in this release. Appeals should be directed in writing to the Director, Office of Information and Privacy, U.S. Department of Justice, 1425 New York Ave., NW, Suite 11050, Washington, D.C. 20530-0001 within sixty days from the date of this letter. The envelope and the letter should be clearly marked "Freedom of Information Appeal" or "Information Appeal." Please cite the FOIPA number assigned to your request so that it may be easily identified.

☐ The enclosed material is from the main investigative file(s) in which the subject(s) of your request was the focus of the investigation. Our search located additional references, in files relating to other individuals, or matters, which may or may not be about your subject(s). Our experience has shown, when ident, references usually contain information similar to the information processed in the main file(s). Because of our significant backlog, we have given priority to processing only the main investigative file(s). If you want the references, you must submit a separate request for them in writing, and they will be reviewed at a later date, as time and resources permit.

☒ See additional information which follows.

Sincerely yours,



David M. Hardy
Section Chief
Record/Information
Dissemination Section
Records Management Division

Enclosure(s)

Please be advised that this is the fifth interim release as ordered by the court on May 7, 2007 for documents concerning surveillance systems known as DCS-3000 and Red Hook.

The first page of this correspondence reflects that 502 pages were reviewed for this release. There were actually 963 pages reviewed, however, after a review by the technical operations group that manages the system, they determined that 461 pages of this material was not responsive to the request.

A decision as not been made concerning your request for a waiver of fees. We will be corresponding with you concerning that request in the near future. In the interim, we are providing you with the enclosed documents. Pursuant to Title 28, Code of Federal Regulations, Section 16.11, there is fee to ten cents per page for duplication. No fees are assessed for the first 100 pages. If it is determined that you do not qualify for a fee waiver, duplication fees will be assessed accordingly.

EXPLANATION OF EXEMPTIONS

SUBSECTIONS OF TITLE 5, UNITED STATES CODE, SECTION 552

- (b)(1) (A) specifically authorized under criteria established by an Executive order to be kept secret in the interest of national defense or foreign policy and (B) are in fact properly classified to such Executive order;
- (b)(2) related solely to the internal personnel rules and practices of an agency;
- (b)(3) specifically exempted from disclosure by statute (other than section 552b of this title), provided that such statute(A) requires that the matters be withheld from the public in such a manner as to leave no discretion on issue, or (B) establishes particular criteria for withholding or refers to particular types of matters to be withheld;
- (b)(4) trade secrets and commercial or financial information obtained from a person and privileged or confidential;
- (b)(5) inter-agency or intra-agency memorandums or letters which would not be available by law to a party other than an agency in litigation with the agency;
- (b)(6) personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy;
- (b)(7) records or information compiled for law enforcement purposes, but only to the extent that the production of such law enforcement records or information (A) could be reasonably be expected to interfere with enforcement proceedings, (B) would deprive a person of a right to a fair trial or an impartial adjudication, (C) could be reasonably expected to constitute an unwarranted invasion of personal privacy, (D) could reasonably be expected to disclose the identity of confidential source, including a State, local, or foreign agency or authority or any private institution which furnished information on a confidential basis, and, in the case of record or information compiled by a criminal law enforcement authority in the course of a criminal investigation, or by an agency conducting a lawful national security intelligence investigation, information furnished by a confidential source, (E) would disclose techniques and procedures for law enforcement investigations or prosecutions, or would disclose guidelines for law enforcement investigations or prosecutions if such disclosure could reasonably be expected to risk circumvention of the law, or (F) could reasonably be expected to endanger the life or physical safety of any individual;
- (b)(8) contained in or related to examination, operating, or condition reports prepared by, on behalf of, or for the use of an agency responsible for the regulation or supervision of financial institutions; or
- (b)(9) geological and geophysical information and data, including maps, concerning wells.

SUBSECTIONS OF TITLE 5, UNITED STATES CODE, SECTION 552a

- (d)(5) information compiled in reasonable anticipation of a civil action proceeding;
- (j)(2) material reporting investigative efforts pertaining to the enforcement of criminal law including efforts to prevent, control, or reduce crime or apprehend criminals;
- (k)(1) information which is currently and properly classified pursuant to an Executive order in the interest of the national defense or foreign policy, for example, information involving intelligence sources or methods;
- (k)(2) investigatory material compiled for law enforcement purposes, other than criminal, which did not result in loss of a right, benefit or privilege under Federal programs, or which would identify a source who furnished information pursuant to a promise that his/her identity would be held in confidence;
- (k)(3) material maintained in connection with providing protective services to the President of the United States or any other individual pursuant to the authority of Title 18, United States Code, Section 3056;
- (k)(4) required by statute to be maintained and used solely as statistical records;
- (k)(5) investigatory material compiled solely for the purpose of determining suitability, eligibility, or qualifications for Federal civilian employment or for access to classified information, the disclosure of which would reveal the identity of the person who furnished information pursuant to a promise that his/her identity would be held in confidence;
- (k)(6) testing or examination material used to determine individual qualifications for appointment or promotion in Federal Government service the release of which would compromise the testing or examination process;
- (k)(7) material used to determine potential for promotion in the armed services, the disclosure of which would reveal the identity of the person who furnished the material pursuant to a promise that his/her identity would be held in confidence.

Freedom of Information and Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION CDS

Section: 7



Federal Bureau of Investigation

[REDACTED] (RMD) (FBI)

b6
b7C

From: [REDACTED] (OTD) (CON)

Sent: Wednesday, September 14, 2005 5:04 PM

To: [REDACTED] (SecD) (CON)

Cc: [REDACTED] (SecD) (CON); [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (CON)

Subject: Compiled list of [REDACTED] concerns from previous e-mails

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD



Below I have combined the errata from your previous 3 e-mails. If there is anything more that I have missed please let us know. I count 26 line items. As I said in my earlier mail I will be working these issues tomorrow. If you would like, please stop by and we can discuss these.

1. Cover page Classification is either "derived from" or "classified by", not both.

2. Page 8, Introduction. Remove the parenthetical from the last sentence. This appendix will include the system location, security contacts, equipment list, software that is not in the SSP baseline and a description of the physical security controls to include facility accreditation information.

3. The system description in various places is not clear about what is DCS-5000 as the name is used to describe the core functionality and also the inclusion of [REDACTED] Page 10, Section 1.2 is the first place this is mentioned. I suggest that the original scope of DCS-5000 be referred to as the core or other term to distinguish it from the entire system. At least in Section 1.2 and advisable elsewhere reference Appendixes J and K.

b2
b7E

4. Page 11 Section 1.2.3 shows spreadsheets are used, but there is no spreadsheet software listed in the software list an otherwise shown in Section 5 of Appendix J spreadsheets are not mentioned.

5. Page 12, again, there needs to be mention of documentation for each site. Section 2.1 should mention the appendix containing this information and Section 2.2 would include a requirement to document any site specific hardware that is not baseline hardware.

6. Page 13 talks about SCI material yet page 12 shows the facility is cleared for Secret. Is the space actually processing and/or storing Secret SCI data? If so, what compartment(s)? Closed storage would also include TS. SCI is not a classification. [REDACTED] as a whole is not a SCIFs.

7. Page 13, remove the first sentence in Section 2.4.

8. Page 15, Section 3.5 notes that the raw data is classified Secret, but it is not considered to be classified when it is on [REDACTED] property. Add a note to describe when the data becomes classified. This may be when the data is actually associated with a case or other information.

b2
b7E

1. In past drawings for [REDACTED] Is this still the case? If so, then we need to either update the network diagrams or reference to [REDACTED] diagrams and provide the appropriate text to at least Section 3.9.6 and the [REDACTED]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179dmh/ksr/maj

4/13/2007

2. In Section 7.3.11 on the top of page 28, there is a reference to agencies. It almost looks like "agency" is a [redacted] term and in our case would be Field Offices, Resident Agencies and/or users. If this is not the case, and the agencies are outside of FBI, we have a major bump in the road.

b2
b7E

9. Page 16, Section 3.9.1 add:

Phone lines unclassified N/A
DCS-3000 SBU FBI [redacted]

**Elsewhere [redacted] asks about [redacted] In various drawings I have seen [redacted] is used to connect [redacted] [redacted] Is this still the case? If so, this will also need to be added here and the appropriate ripple effects.

10. Page 17, Section 3.9.2. After [redacted] add ", site [redacted] or their alternates". Add a note stating that the inspection of the special attention is needed for the [redacted] lines to the TIU.

11. Page 17, Section 3.9.3. The opening statement is incorrect. DCS-3000 and the [redacted] connections are interconnections. Replace [redacted] with "FBI".

b2
b7E

12. Page 17, Section 3.9.5. Include the [redacted] lines.

13. Page 17, Section 3.9.6. Remove the last sentence in the second paragraph. If [redacted] is connected to [redacted] document what data crosses that connection.

14. Page 19, Section 3.9.9. Remove DCS-3000 as an indirect connection.

15. Page 20, Section 5.3 part b. What does "Agency refer to"? This question also applies to page 28 Section 7.3.11. It almost looks like "agency" is a [redacted] term and in our case would be Field Offices, Resident Agencies and/or users. In part c add "TCP".

16. Page 22, Section 7.1. Replace entire section with a reference to the Risk Management Matrix.

17. Page 23, Section 7.2.1. Which systems on the system diagram on page 42 in Attachment D is the domain controller and the [redacted]?

b2
b7E

18. Page 23, Section 7.2.1. Note that each [redacted] has their own account with [redacted] privileges.

19. Page 23, Section 7.2.1. In the last paragraph in this section needs to state the FBINET workstations and domain controllers are not connected to DCS-5000. Does DCS-5000 use FBINET user names? You could also add a note that at each users workspace is a DCS-5000 workstation and a FBINET workstation.

20. Pages 23, 25, 27, 28, 30 and 31. Sections 7.2.1, 7.2.2, 7.2.6-9, 7.3.5, 7.3.7, 7.4.1, 7.6.1 and 7.6.3. Include details as needed for [redacted] equipment.

21. Page 27, Section 7.3.9. In the last sentence change "that" to "who".

22. Page 27, Section 7.3.10. Replace the contents of this section with "N/A".

23. Page 27, Section 7.3.11. What does "prior clearance allows" mean?

[REDACTED]

[REDACTED]

[REDACTED]

b6
b7C

TICTU Support Contractor @ ERF

(703) [REDACTED]

[REDACTED]

SENSITIVE BUT UNCLASSIFIED

4/13/2007

[REDACTED] (RMD) (FBI)

b6
b7C

From: [REDACTED] SecD) (CON)

Sent: Monday, September 12, 2005 4:25 PM

To: [REDACTED] (SecD) (CON); [REDACTED] (OTD) (CON); [REDACTED] (OTD) (CON); [REDACTED] (SecD) (CON); [REDACTED] (SecD)

Subject: DCS-5000 & Telephone circuits

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Hi,

Both analog and digital telephone circuits can be two way. The implementation and use of circuits for CALEA purposes has call content data only going one way. This does not mean that there cannot be two way communications.

On analog circuits it is trivial to install splitters at both ends of a copper wire pair and attach DSL modems in order to have full duplex communications. Digital circuits are two way. In addition to the audio data being pushed by the telco, there is signaling information that goes both ways. I doubt that the TIU without additional equipment on both ends to the connection is capable of using the connection to leak classified information.

In any event, I found information that strongly argues for the analog connection. The digital connection has a dedicated channel to include the Call Data. Since DCS-5000 gets this data from the DCS-3000 it looks like DCS-5000 is purposely designed to accept only analog data.

So, the upside to this is that the check to ensure that the telephone circuit is to verify that no splitters or taps are connected to the phone lines from the time they enter classified spaces and the sound cards in the TIU. For the truly paranoid, low pass filters can be installed on the phone lines as close as possible to the entry point of the classified space.

[REDACTED]

[REDACTED]

b6
b7C

SENSITIVE BUT UNCLASSIFIED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179dmh/ksr/maj

4/13/2007

[REDACTED] (RMD) (FBI)

From: [REDACTED] (SecD) (CON)
Sent: Wednesday, November 16, 2005 5:44 PM
To: [REDACTED] (SecD) (FBI); [REDACTED] (SecD) (FBI); [REDACTED] (SecD) (FBI)
Cc: [REDACTED] (SecD) (FBI); [REDACTED] (SecD) (FBI); [REDACTED] (SecD)(CON); [REDACTED] (SecD)
Subject: DCS-5000 Classification

b6
b7C

Hi,

I have been bothered for some time by the issue of the classification of the data coming from the phone company. Searching the Internet and Trilogy has not provided any clear relevant details. I have discussed this with [REDACTED] without any resolution. The court orders that are sent to the phone company are usually classified Secret and the exceptions are almost always Top Secret. The blank form that agents fill out to request court orders is classified Secret. The phone companies are required to have cleared people available to process these court orders. I feel that a classification authority may consider the results of the court order be classified to the same level as the order. This means that the [REDACTED] being filtered through DCS-3000 [REDACTED]

My question is do we want to chase this down? If so, who do we contact?

b2
b7E

Thanks & [REDACTED]
[REDACTED]

b6
b7C

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179dmh/ksr/maj

[REDACTED] (RMD) (FBI) b6
b7C

From: [REDACTED] (SecD) (CON)
Sent: Wednesday, September 14, 2005 4:42 PM
To: [REDACTED] (OTD) (CON)
Cc: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (CON); [REDACTED] (SecD) (CON)
Subject: DCS-5000 [REDACTED] comments Part 2

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Hi,

b2
b7E

More of the same :-)

b2
b7E

9. Page 16, Section 3.9.1 add:

Phone lines unclassified N/A [REDACTED]
DCS-3000 SBU FBI [REDACTED]

Elsewhere, [REDACTED] asks about [REDACTED] in various drawings I have seen. [REDACTED] is used to connect [REDACTED]. [REDACTED] is this still the case? If so, this will also need to be added here and the appropriate ripple effects.

10. Page 17, Section 3.9.2. After "ISSO" add ", site ISSOs or their alternates". Add a note stating that the inspection of the special attention is needed for the [REDACTED] lines to the TIU.

11. Page 17, Section 3.9.3. The opening statement is incorrect. DCS-3000 and the telco connections are interconnections. Replace [REDACTED] with "FBI".

b2

12. Page 17, Section 3.9.5. Include the telco lines.

13. Page 17, Section 3.9.6. Remove the last sentence in the second paragraph. If [REDACTED] is connected to [REDACTED] document what data crosses that connection.

14. Page 19, Section 3.9.9. Remove DCS-3000 as an indirect connection.

b2
b7E

15. Page 20, Section 5.3 part b. What does "Agency refer to"? This question also applies to page 28 Section 7.3.11. It almost looks like "agency" is a [REDACTED] term and in our case would be Field Offices, Resident Agencies and/or users. In part c add "TCP".

16. Page 22, Section 7.1. Replace entire section with a reference to the Risk Management Matrix.

17. Page 23, Section 7.2.1. Which systems on the system diagram on page 42 in Attachment D is the domain controller and the [REDACTED]?

18. Page 23, Section 7.2.1. Note that each ISSO has their own account with ISSO privileges.

b2
b7E

19. Page 23, Section 7.2.1. In the last paragraph in this section needs to state the FBINET workstations and domain controllers are not connected to DCS-5000. Does DCS-5000 use FBINET user names? You could also add a note that at each users workspace is a DCS-5000 workstation and a FBINET workstation.

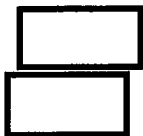
20. Pages 23, 25, 27, 28, 30 and 31, Sections 7.2.1, 7.2.2, 7.2.6-9, 7.3.5, 7.3.7, 7.4.1, 7.6.1 and 7.6.3. Include details as needed for [REDACTED] equipment.

4/13/2007

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179DMH/KSR/MAJ

21. Page 27, Section 7.3.9. In the last sentence change "that" to "who".
22. Page 27, Section 7.3.10. Replace the contents of this section with "N/A".
23. Page 27, Section 7.3.11. What does "prior clearance allows" mean?

Sorry I did not get further with this today as I am also have two other systems that are active right now. I am expecting to be at Quantico tomorrow and hopefully we can get together and hammer this thing into submission.



b6
b7C

SENSITIVE BUT UNCLASSIFIED

4/13/2007

[REDACTED] (RMD) (FBI)

From: [REDACTED] OTD) (CON)

b6
b7C

Sent: Monday, June 20, 2005 4:23 PM

To: [REDACTED] (SecD) (CON)

Subject: DCS-5000 Tier Designation

~~SECRET~~//NOFORN
RECORD 66F-HQ-1410162

b6
b7C

b2
b7E

Hi [REDACTED]

As promised, please find attached the Accreditation boundary drawing for the DCS-5000 to include the LoC's and mission statements for the respective systems such as [REDACTED] DCS-3000. [REDACTED]
[REDACTED]

V/R
[REDACTED]

b6
b7C

~~DERIVED FROM: G-2 FBI Classification Guide G-2, dated 1/97, Foreign Counterintelligence Investigations~~
~~DECLASSIFY ON: 20150617~~
~~SECRET//NOFORN~~

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179/DMH/KSP/MAJ

4/13/2007

Mission Statements:

DCS-5000

(U) ~~(S)~~ The DCS-5000 is intended to monitor, exploit, and disseminate intelligence from Foreign Intelligence Surveillance Act (FISA) electronic surveillance in a collaborative environment among linguists, case agents, and case managers. The system will provide these services in Field divisions and FBIHQ.

Work Flow Manager (WFM)

(U) ~~(S)~~ The Workflow Manager is subsystem of the DCS-5000. It is intended to provide centralized workflow management for field offices and FBIHQ. In field offices where there is a capability shortage for certain languages, Workflow Manager provides management for the distribution of translations, statistics on translation backlogs, translation completed and inter-office work transfers.

(S) ~~(S)~~ [REDACTED] b2 b7E
[REDACTED] b1

DCS-3000

(U) The DCS3000 application suite was developed to assist law enforcement agencies (LEA) with collecting and processing data for court-ordered ELSUR operations. The DCS3000 was developed as an interim solution, which is intended for use until commercial collection platforms are available. It is a dedicated system with no connectivity to other networks and for which all users (i.e., FBI, DEA, and LEA personnel) have clearances equal to or higher than the data passing through system. In addition, all users are authorized access and have the need-to-know for all data passing through the system.

To conduct court-ordered ELSUR operations, LEA personnel dial into switches, which are devices used by telecommunications service providers to route telephone calls to their destinations. The DCS3000 can collect ELSUR data under the following warrant types:

Pen Register: Deals with call data

Title III: Deals with call data and content

(U) ~~(S)~~ [REDACTED] will provide a uniform approach to all ELSUR data management and analysis activities supporting all field offices. Such an approach is necessary because no single system that is currently deployed interfaces to multiple collection systems and databases. In addition, [REDACTED] will provide a common interface to these multiple collection systems and will enable a user to access the data generated/processed by any collection system located in any field office. [REDACTED] will also be the source of ELSUR information to

b2
b7E

~~SECRET//NOFORN~~

DATE: 06-05-2007

CLASSIFIED BY 65179dmh/ksr/maj

REASON: 1.4 (G)

DECLASSIFY ON: 06-05-2032

~~SECRET~~

enterprise-level case management and intelligence aggregation systems (e.g., Virtual Case File).

(U)

(S) The [] mission is to monitor the operational availability of the national security electronic surveillance (ELSUR) systems deployed to the field. These systems are used to collect court-ordered intercepts of telephony information. These systems also provide the capability to analyze the information and/or provide it to the appropriate location for further analysis and dissemination.

b2
b7E

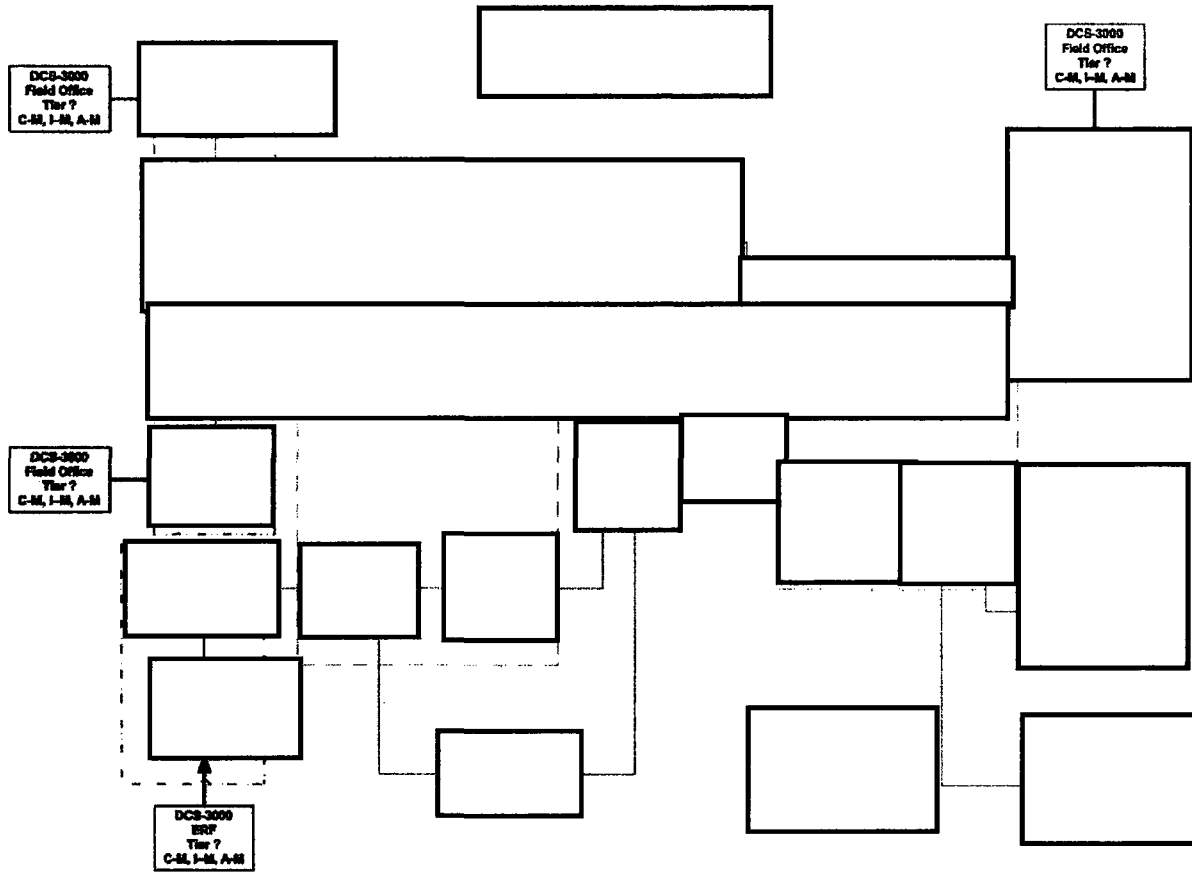
The specific objectives of the [] are to provide the following capabilities on a 24x7 basis:

1. Help desk support to all field offices with collection systems
2. Monitoring and reporting on the health of Central Monitoring Plants (CMPs) to include the status of temperature, power, humidity, and pressure
3. Monitoring and reporting on the health and performance of collection systems installed within the CMPs
4. Remote troubleshooting and resolution of identified system problems
5. Prompt generation and maintenance of Recommended Operating Procedures
6. Maintenance of a knowledge-based database containing failure and recovery information
7. Facilitation of a preventive maintenance program
8. Facilitation of contingency operations for the field and TICTU
9. Facilitation of increased communications between the field and Engineering Research Facility (ERF) Technology Managers regarding system problems and deficiencies and their associated resolution

pg-2

~~SECRET~~

~~SECRET//NOFORN~~



b2
b7E

~~SECRET//NOFORN~~

pg-3

~~SECRET~~

[REDACTED] (RMD) (FBI)

b6

b7C

From: [REDACTED] (SecD) (CON)

Sent: Monday, June 20, 2005 4:25 PM

To: [REDACTED] (SecD)(CON)

Cc: [REDACTED] (SecD) (CON) [REDACTED] (SecD) (CON)

Subject: FW: DCS-5000 Tier Designation

~~SECRET//NOFORN~~

~~RECORD 66F-HQ-1410162~~

Hi,

Hot off the press. I have not looked at it.

b6

b7C

-----Original Message-----

From: [REDACTED] (OTD) (CON)

Sent: Monday, June 20, 2005 4:23 PM

To: [REDACTED] (SecD) (CON)

Subject: DCS-5000 Tier Designation

~~SECRET//NOFORN~~

~~RECORD 66F-HQ-1410162~~

b6

b7C

Hi [REDACTED]

As promised, please find attached the Accreditation boundary drawing for the DCS-5000 to include the LoC's and mission statements for the respective systems such as [REDACTED] DCS-3000, [REDACTED] and Workflow Manager.

V/R [REDACTED]

b6

b7C

b2

b7E

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign Counterintelligence Investigations~~

~~DECLASSIFY ON: 20130617~~

~~SECRET//NOFORN~~

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign Counterintelligence Investigations~~

~~DECLASSIFY ON: 20130617~~

~~SECRET//NOFORN~~

DECLASSIFIED BY 65179DMAH/KSR/MAJ
ON 06-05-2007

4/13/2007

Mission Statements:

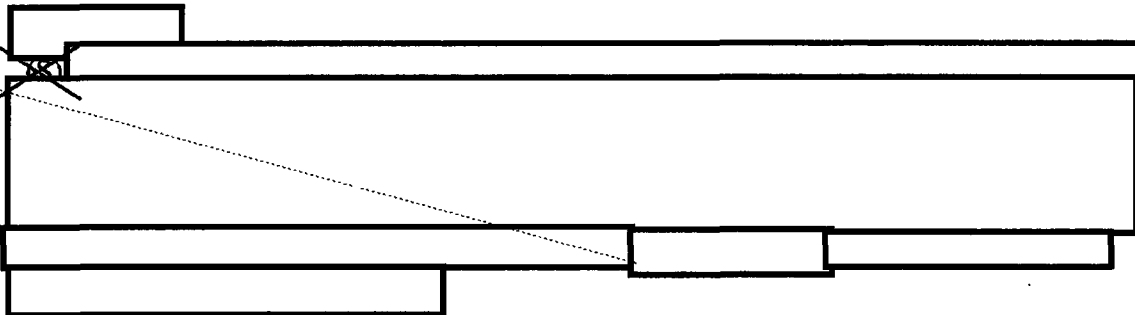
DCS-5000

(U) ~~(S)~~ The DCS-5000 is intended to monitor, exploit, and disseminate intelligence from Foreign Intelligence Surveillance Act (FISA) electronic surveillance in a collaborative environment among linguists, case agents, and case managers. The system will provide these services in Field divisions and FBIHQ.

Work Flow Manager (WFM)

(U) ~~(S)~~ The Workflow Manager is subsystem of the DCS-5000. It is intended to provide centralized workflow management for field offices and FBIHQ. In field offices where there is a capability shortage for certain languages, Workflow Manager provides management for the distribution of translations, statistics on translation backlogs, translation completed and inter-office work transfers.

(S)



b2
b7E

b1

DCS-3000

(U) The DCS3000 application suite was developed to assist law enforcement agencies (LEA) with collecting and processing data for court-ordered ELSUR operations. The DCS3000 was developed as an interim solution, which is intended for use until commercial collection platforms are available. It is a dedicated system with no connectivity to other networks and for which all users (i.e., FBI, DEA, and LEA personnel) have clearances equal to or higher than the data passing through system. In addition, all users are authorized access and have the need-to-know for all data passing through the system.

To conduct court-ordered ELSUR operations, LEA personnel dial into switches, which are devices used by telecommunications service providers to route telephone calls to their destinations. The DCS3000 can collect ELSUR data under the following warrant types:

Pen Register: Deals with call data

Title III: Deals with call data and content

DATE: 06-05-2007
CLASSIFIED BY 65179dmh/ksr/maj
REASON: 1.4 (G)
DECLASSIFY ON: 06-05-2032

(U)

~~(S)~~ [redacted] will provide a uniform approach to all ELSUR data management and analysis activities supporting all field offices. Such an approach is necessary because no single system that is currently deployed interfaces to multiple collection systems and databases. In addition, [redacted] will provide a common interface to these multiple collection systems and will enable a user to access the data generated/processed by any collection system located in any field office. [redacted] will also be the source of ELSUR information to

b2
b7E

~~SECRET//NOFORN~~

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

enterprise-level case management and intelligence aggregation systems (e.g., Virtual Case File).

(U)

~~(S)~~ The [] mission is to monitor the operational availability of the national security electronic surveillance (ELSUR) systems deployed to the field. These systems are used to collect court-ordered intercepts of telephony information. These systems also provide the capability to analyze the information and/or provide it to the appropriate location for further analysis and dissemination.

b2

b7E

The specific objectives of the [] are to provide the following capabilities on a 24x7 basis:

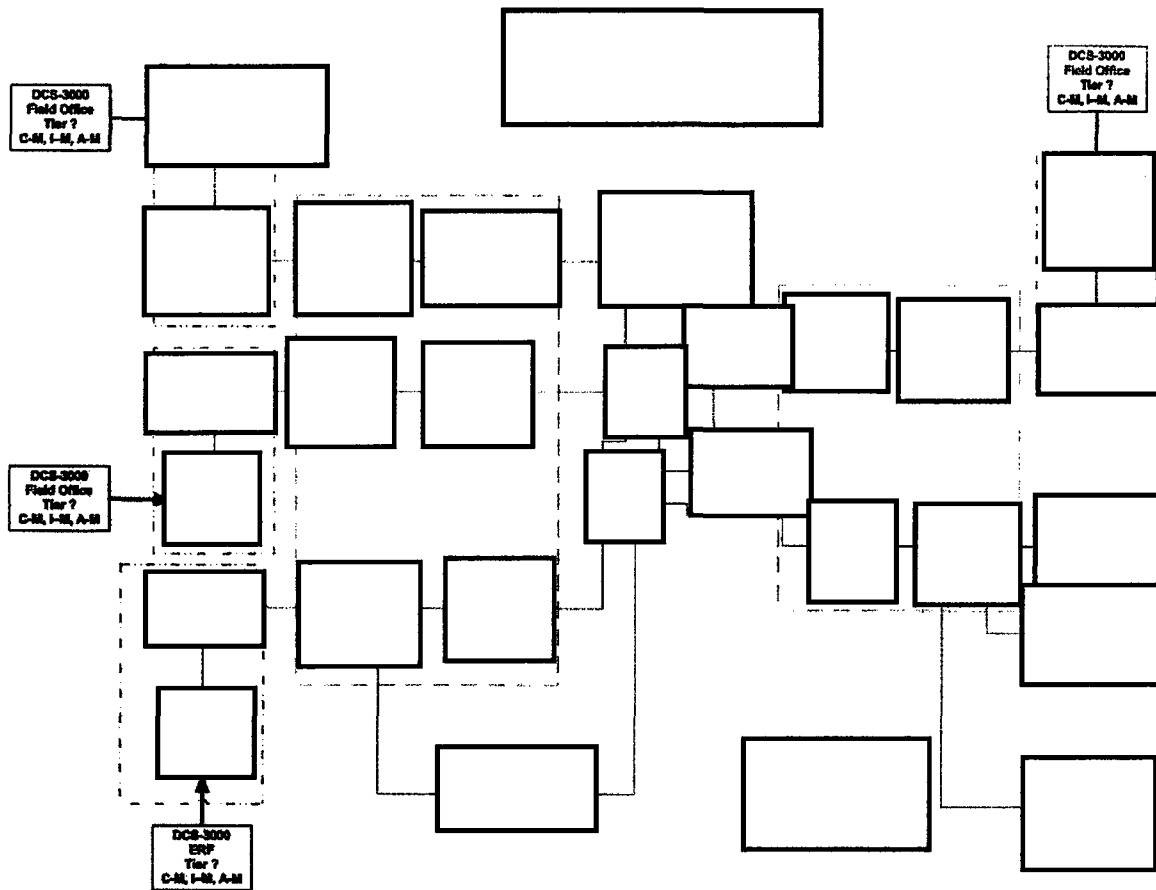
1. Help desk support to all field offices with collection systems
2. Monitoring and reporting on the health of Central Monitoring Plants (CMPs) to include the status of temperature, power, humidity, and pressure
3. Monitoring and reporting on the health and performance of collection systems installed within the CMPs
4. Remote troubleshooting and resolution of identified system problems
5. Prompt generation and maintenance of Recommended Operating Procedures
6. Maintenance of a knowledge-based database containing failure and recovery information
7. Facilitation of a preventive maintenance program
8. Facilitation of contingency operations for the field and TICTU
9. Facilitation of increased communications between the field and Engineering Research Facility (ERF) Technology Managers regarding system problems and deficiencies and their associated resolution

PG-2

~~SECRET~~

~~SECRET//NOFORN~~

b2
b7E



~~SECRET//NOFORN~~

PG-3

~~SECRET~~

[REDACTED] (RMD) (FBI)

b6
b7C

From: [REDACTED] (OTD) (CON)
Sent: Wednesday, September 14, 2005 4:49 PM
To: [REDACTED] (SecD) (CON)
Subject: RE: DCS-5000 [REDACTED] comments Part 2

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

[REDACTED] We've been in a meeting all day. We've just gotten out. I've read [REDACTED] requirements. I will continue working the SSP Appendix tomorrow. Stop by when you have time and I'll let you know where we are.

>> [REDACTED]

b6
b7C

-----Original Message-----

From: [REDACTED] (SecD) (CON)
Sent: Wednesday, September 14, 2005 4:42 PM
To: [REDACTED] (OTD) (CON)
Cc: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (CON); [REDACTED] (SecD) (CON)
Subject: DCS-5000 [REDACTED] comments Part 2

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Hi,

b2
b7E

More of the same ;-)

9. Page 16, Section 3.9.1 add:

Phone lines	unclassified	N/A	[REDACTED]
DCS-3000	SBU	FBI	[REDACTED]

Elsewhere [REDACTED] asks about [REDACTED] In various drawings I have seen, [REDACTED] is used to connect [REDACTED] Is this still the case? If so, this will also need to be added here and the appropriate ripple effects.

b2
b7E

10. Page 17, Section 3.9.2. After "ISSO" add ", site ISSOs or their alternates". Add a note stating that the inspection of the special attention is needed for the [REDACTED] lines to the TIU.

b2

11. Page 17, Section 3.9.3. The opening statement is incorrect. DCS-3000 and the [REDACTED] connections are interconnections. Replace [REDACTED] with "FBI".

12. Page 17, Section 3.9.5. Include the [REDACTED] lines.

b2
b7E

13. Page 17, Section 3.9.6. Remove the last sentence in the second paragraph. If [REDACTED] is connected [REDACTED] document what data crosses that connection.

14. Page 19, Section 3.9.9. Remove DCS-3000 as an indirect connection.

4/13/2007

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-05-2007 BY 65179DMAH/KSR/MAJ

15. Page 20, Section 5.3 part b. What does "Agency refer to"? This question also applies to page 28 Section 7.3.11. It almost looks like "agency" is a [redacted] term and in our case would be Field Offices, Resident Agencies and/or users. In part c add "TCP".

16. Page 22, Section 7.1. Replace entire section with a reference to the Risk Management Matrix.

17. Page 23, Section 7.2.1. Which systems on the system diagram on page 42 in Attachment D is the domain controller and the [redacted]?

18. Page 23, Section 7.2.1. Note that each ISSO has their own account with ISSO privileges.

19. Page 23, Section 7.2.1. In the last paragraph in this section needs to state the FBINET workstations and domain controllers are not connected to DCS-5000. Does DCS-5000 use FBINET user names? You could also add a note that at each users workspace is a DCS-5000 workstation and a FBINET workstation.

20. Pages 23, 25, 27, 28, 30 and 31, Sections 7.2.1, 7.2.2, 7.2.6-9, 7.3.5, 7.3.7, 7.4.1, 7.6.1 and 7.6.3. Include details as needed for [redacted] equipment.

21. Page 27, Section 7.3.9. In the last sentence change "that" to "who".

22. Page 27, Section 7.3.10. Replace the contents of this section with "N/A".

23. Page 27, Section 7.3.11. What does "prior clearance allows" mean?

Sorry I did not get further with this today as I am also have two other systems that are active right now. I am expecting to be at Quantico tomorrow and hopefully we can get together and hammer this thing into submission.

[redacted]

[redacted]

b6
b7C

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

4/13/2007

Freedom of Information and Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION CDS

Section: 14



Federal Bureau of Investigation

~~SECRET~~

Federal Bureau of Investigation (FBI)

3RD Quarter 2004

Plans of Action and Milestones

DATE: 06-05-2007
CLASSIFIED BY 65179 DMH/TAM/KSR/JB
REASON: 1.4 (g)
DECLASSIFY ON: 06-05-2032

~~SECRET~~

~~Derived From: Multiple Sources/
FBI C & A Documents
Reason: 1.5(g)
Declassify: X1~~

#1056287-000

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

(1)

~~SECRET~~

~~SECRET~~

Project ID: CA2002-070

Assessment/System Name: DCS 3000 - Data Collection System 3000

Security Costs: \$0.00

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CFO Audit or other review?	Status
Inadequate audit retention and review procedures			12/01/2004			C&A	In Progress

Project ID: CA2002-072

Assessment/System Name: DCS 6000 - Digital Storm

Security Costs: \$0.00

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CFO Audit or other review?	Status
Establish and document standard physical access requirements for deployed systems within 90 days.			12/01/2004			C&A	
Implement formal Change Management. In the interim, ensure all sites have an emergency repair disk that reflects the original configuration in addition to backup tapes.			12/01/2004	b6 b7C		C&A	
Implement a weekly security review to existing audit procedures. The Program Manager and/or the ISSO should review the Rules of Behavior and maintain signed copies for all users within 90 days.			12/01/2004			C&A	

Project ID: CA2003-008

Assessment/System Name: DCS NET - Digital Collection Systems Network

Security Costs: \$0.00

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CFO Audit or other review?	Status

~~SECRET~~

~~Page 1~~

~~SECRET~~

For Official Use Only

Implement banner text.	ISSO	6/15/2004			C&A	
Implement technical password controls.	ISSO	6/15/2004			C&A	
ISSO Training	ISSO	6/15/2004			C&A	
Obtain software through proper procurement channels.	ISSO	6/15/2004			C&A	
Remove/Disable modem.	ISSO	6/15/2004			C&A	
Test and Apply OS and Application Software patches.	ISSO	6/15/2004			C&A	
Verify security labels.	ISSO	6/15/2004			C&A	

Project ID: CA2002-070

Assessment/System Name: Data Collection System 3000 (DCS 3000)

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CTO Audit or other review?	Status
Inadequate audit retention and review procedures.			12/01/2004			C&A	In Progress

Project ID: CA2002-072

Assessment/System Name: DCS 6000 – Digital Storm

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CTO Audit or other review?	Status
Establish and document standard physical access requirements for deployed systems within 90 days.			12/01/2004			C&A	
Implement a weekly security review to existing audit procedures. The Program Manager and/or the ISSO should review the Rules of Behavior and maintain signed copies for all users within 90 days.		b6 b7C	12/01/2004			C&A	
Implement formal Change Management. In the interim, ensure all sites have an emergency repair disk that reflects the original configuration in addition to backup tapes.			12/01/2004			C&A	

Project ID: CA2003-008

Assessment/System Name: Digital Collection Systems Network (DCS NET)

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion	Milestones Changes	Identified in CTO Audit or	Status
------------	-----	--------------------	---------------------------	----------------------------	--------------------	----------------------------	--------

~~SECRET~~

For Official Use Only

~~SECRET~~

For Official Use Only

Implement banner text.	ISSO	6/15/2004		C&A	
Implement technical password controls.	ISSO	6/15/2004		C&A	
ISSO Training.	ISSO	6/15/2004		C&A	
Obtain software through proper procurement channels.	ISSO	6/15/2004		C&A	
Remove/Disable modem.	ISSO	6/15/2004		C&A	
Test and Apply OS and Application Software patches.	ISSO	6/15/2004		C&A	
Verify security labels.	ISSO	6/15/2004		C&A	

Project ID: CA2002-070

Assessment/System Name: Data Collection System 3000 (DCS 3000)

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CFO Auditor or other review?	Status
Inadequate audit retention and review procedures.			12/01/2004			C&A	In Progress

Project ID: CA2002-072

Assessment/System Name: DCS 6000 - Digital Storm

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion Dates	Milestones Changes	Identified in CFO Auditor or other review?	Status
Establish and document standard physical access requirements for deployed systems within 90 days.			12/01/2004			C&A	
Implement a weekly security review to existing audit procedures. The Program Manager and/or the ISSO should review the Rules of Behavior and maintain signed copies for all users within 90 days.		b6 b7C	12/01/2004			C&A	
Implement formal Change Management. In the interim, ensure all sites have an emergency repair disk that reflects the original configuration in addition to backup tapes.			12/01/2004			C&A	

Project ID: CA2003-008

Assessment/System Name: Digital Collection Systems Network (DCS NET)

Weaknesses	POC	Resources Required	Scheduled Completion Date	Milestones with Completion	Milestones Changes	Identified in CFO Auditor	Status
------------	-----	--------------------	---------------------------	----------------------------	--------------------	---------------------------	--------

~~SECRET~~

For Official Use Only

~~SECRET~~
FOR OFFICIAL USE ONLY

System Name	Location	Protection Level	Accreditation Status	Accreditation Date	DAA	PAO	SSP Date	Expiration Date (ATC/ATF)	System Description
(CARTSAN)									
Consolidation Macintosh LAN (MAC LAN)	GG	1	In Process		ADIC/FBI	FBI CIO			MPG is the sole user of high-end graphic/audio/video/animation programs with CJS. Establishment and use of an Apple-based LAN allows this concept to be fully realized.
Controlled Interface 100 (CI-100) (aka Spidernet, OWF)	GG	2	ATO	2/20/2004	ADIC/FBI	FBI CIO	2/20/2004	2/19/2007	There are occasions where an unclassified must transfer information to a classified system.
Correspondence Management System (CMS) (aka TRIM)	GG	2	In Process	7/30/2003	ADIC/FBI	FBI CIO		08/02/2003	Provide the Executive Secretariat's office with the ability to manage and control executive correspondence on behalf of the Director and the Office of Congressional Affairs (OCA). Maintains information up to and including Secret.
Counterterrorism Reporting System on Suspicious Surveillance (CROSS) (aka HSRS)	GG	2	IATO	2/6/2004	ADIC/FBI	FBI CIO	2/6/2004	6/5/2004	CROSS will integrate relevant records of parties within a single data warehouse providing the NJTTF with suspicious surveillance incident (SSD) tracking information throughout the National Capitol Region.
Cryptoanalysis Initiative Computer Net (CI NET)	GG	*	ATO	8/20/2001	ADIC/FBI	FBI CIO	8/20/2001	8/19/2004	The CI Net supports approx. 22 FBI and contractor staff within the CEAU, whose mission is to create a network that contains analysis tools procured from vendor offerings, shareware, and freeware programs
Cryptographic & Electronic Analysis Unit's SCI Facility Computers (CEAU SCIF CPUs) (aka SCIF Net)	GG		ATO	5/7/2003	ADIC/FBI	FBI CIO	5/7/2003	5/6/2006	Mission is classified.
Cyber Sweep	GG	1	In Process		ADIC/FBI	FBI CIO			The mission of this UCO is to conduct an investigative initiative that addresses purveyors and predators of illegal adult obscene material on the Internet.
CYBERTRANS II	GG	1 b1	ATO	6/14/2004	ADIC/FBI	FBI CIO	6/14/2004	6/14/2007	The Language Services Section (LSS), Office of International Operations (OIO), has a requirement to procure Cybertrans II machine translation software to support agents and linguists working on major Counterterrorism investigations.
(S) [REDACTED]	GG	*	ATO	2/27/2003	ADIC/FBI	FBI CIO	2/27/2003	2/26/2006	[REDACTED]
Data Collection System 3000 (DCS 3000) (aka CALEA (Communications Assistance to Law Enforcement Act))	GG	1	ATO	5/29/2003	ADIC/FBI	FBI CIO	5/29/2003	5/28/2006	DCS3000 application suite was developed to assist law enforcement agencies (LEAs) with collecting and processing data for court-ordered electronic surveillance (ELSUR) operations.
Data Collection System 5000	GG		In Process		ADIC/FBI	FBI			The system supports the FBI's court-authorized

~~SECRET~~
FOR OFFICIAL USE ONLY

~~SECRET~~
FOR OFFICIAL USE ONLY

System Name	Location	Protection Level or Mode of Operation	Accreditation Status	Accreditation Date	DAA	PAJ	SSP Date	Expiration Date (IATO/ATT)	System Description
Data Collection System 3000 (DCS 3000) (aka CALEA (Communications Assistance to Law Enforcement Act))	GG	S	ATO	5/29/2003	FBI CIO	Director	5/29/2003	5/28/2006	DCS3000 application suite was developed to assist law enforcement agencies (LEAs) with collecting and processing data for court-ordered electronic surveillance (ELSUR) operations.
Data Collection System 5000 (DCS 5000)	GG	S	In Process		FBI CIO	Director			The system supports the FBI's court-authorized Electronic Surveillance needs for telephony and microphone coverage.
Data Collection System 6000 (DCS 6000) (aka Digital Storm)	GG	S	ATO	5/30/2003	FBI CIO	Director	5/30/2003	5/29/2006	DCS 6000/Digital Storm provides the means by which the FBI collects, stores, transcribes, and reports Electronic Surveillance (ELSUR) information in accordance with the U.S. Code Title III.
Digital Collection Systems Network (DCS Net)	GG	S	IATO	3/5/2004	FBI CIO	Director	3/5/2004	7/3/2004	Network to transport CALEA data traffic, both CDC and streamed CCC, from the service provider sources to FBI Field Office destinations, where it will be collected.
Document Control System (DCS)	GG b1	D	ATO	4/9/2003	FBI CIO	Director	4/9/2003	4/8/2006	RMD is responsible for both electronic and hardcopy document record keeping within the FBI. DCS provides the capability to perform hard copy document tracking of all documents which have been uploaded in electronic form into the Electronic Case File (ECF).
(S) [REDACTED]	GG	PL-2	ATO	3/26/2002	FBI CIO	Director	3/26/2002	3/25/2006	[REDACTED]
Electronic Document Entry (EDE)	GG	D	ATO	2/27/2003	FBI CIO	Director	2/27/2003	2/26/2006	Web interface to ACS.
Electronic Key Management System (EKMS)	GG	D	ATO	4/22/2002	FBI CIO	Director	4/22/2002	4/21/2005	COMSEC system that generates cryptographic key.
Enterprise Security Operations Center Phase 2 (ESOC Phase 2)	GG	D	IATO	5/11/2004	FBI CIO	Director	5/11/2004	9/8/2004	"Monitor and protect the FBI's information systems from external attacks and insider misuse, and assure the availability, confidentiality, and non-repudiation of FBI information."
Enterprise Servers (aka Mainframe Systems--Admin and Investigative)	GG	S	ATO	3/11/2004	FBI CIO	Director	3/11/2004	3/11/2007	The Enterprise Servers provide the mainframe systems support for 28,000 plus users located throughout FBI HQ and Field Offices. The Enterprise Servers operate year round, 24-hours a day, 7 days a week.
Explosive Reference Tool (EXPERT)	GG	S	ATO	6/21/2004	FBI CIO	Director	6/21/2004	6/21/2007	Explosives Unit is responsible for maintaining the FBI's explosives reference database.
Fastmoney 7.1/Squirmish	GG	D	In Process		FBI CIO	Director			Provide a means to remotely receive audio information for collection. Part of DCS.
FBI INTERNET	GG	D	In Process		FBI CIO	Director			The mission of these systems is to deliver public

~~SECRET~~
FOR OFFICIAL USE ONLY

~~SECRET~~
FOR OFFICIAL USE ONLY

System Name	Location	Protection Level	Accreditation Status	Accreditation Date	DAA	FAA	SSP Date	Expiration Date (ATO/MATD)	System Description
(S) [REDACTED]	GG	*	ATO	2/27/2003	ADIC/GG	GG CIO	2/27/2003	2/26/2006	[REDACTED]
	b1							b1	
Data Collection System 3000 (DCS 3000) (aka CALEA (Communications Assistance to Law Enforcement Act))	GG		ATO	5/29/2003	ADIC/GG	GG CIO	5/29/2003	5/28/2006	DCS3000 application suite was developed to assist law enforcement agencies (LEAs) with collecting and processing data for court-ordered electronic surveillance (ELSUR) operations.
Data Collection System 5000 (DCS 5000)	GG		In Process		ADIC/GG	GG CIO			The system supports the GG's court-authorized Electronic Surveillance needs for telephony and microphone coverage.
Data Collection System 6000 (DCS 6000) (aka Digital Storm)	GG		ATO	5/30/2003	ADIC/GG	GG CIO	5/30/2003	5/29/2006	DCS 6000/Digital Storm provides the means by which the GG collects, stores, transcribes, and reports Electronic Surveillance (ELSUR) information in accordance with the U.S. Code Title III.

~~SECRET~~
FOR OFFICIAL USE ONLY

~~SECRET~~

For Official Use Only							Cert Team	Effort Status
System	Classification	CUST Approval	Granted	Req. IOC	Effort Type			
Computer Assisted Facility Management System (CAFMS)	Sensitive But Unclassified	ASD			Original			Undergoing Certification
Consolidated Asset Tracking System-Controlled Interface (CATS-CI)	Sensitive But Unclassified	ITOD			Original			Registered
Continuum (aka AMAPP)	Undetermined	CIRG			Original			Registered
Controlled Interface 100 (CI-100) (aka Spidernet, OWF)	Secret	SecD Operate	20-Feb-04	19-Feb-07	Original			Accredited
Cornerstone	Secret	CD			Original			Undergoing Certification
Correspondence Management System (CMS) (aka TRIM)	Secret	RMD Interim	30-Jul-03	30-Jan-04	Original			Certified
Counterterrorism Reporting Syst on Suspicious Surveillance (CROSS) (aka HSRS)	Sensitive But Unclassified	CTD Interim	06-Feb-04	05-Aug-04	Original			IATO
Criminal Intelligence Information System (CIIS)	Secret	CID			Original			Registered
Critical Reach (aka TRAK)	Sensitive But Unclassified	LV			Original			Registered
Cryptoanalysis Initiative Computer Net (CI NET)	Secret	ITD Operate	20-Aug-01	19-Aug-04	Original			Accredited
	Top Secret SCI b1	ITD Operate	07-May-03	07-May-06	Original			Accredited
Cyber Security Assessment and Mgt Tool-Trusted Agent (CSAM-TA) (aka FISMARS)	Secret b1	SecD			Original			Registered
CYBERTRANS II	Secret	OIO Operate	14-Jun-04	13-Jun-07	Original			Accredited
(S) :	Top Secret SCI	ITD Operate	27-Feb-03	27-Feb-06	Original			Accredited
Data Collection Syst 3000 (DCS 3000) (aka CALEA) (Communications Assistance to Law Enforcement Act))	Sensitive But Unclassified	ITD Operate	29-May-03	28-May-06	Original			Accredited
Data Collection System 5000 (DCS 5000)	Secret	ITD			Original			Undergoing Certification
Data Collection Syst 6000 (DCS 6000) (aka Digital Storm)	Sensitive But Unclassified	ITD Operate	30-May-03	29-May-06	Original			Accredited w/ Action Plan
(S) :	Top Secret SCI	CD			Original			Undergoing Certification
Demon	Undetermined	ITD			Original			Registered
Denver Sq13 Internet Network	Sensitive But Unclassified b1	DN			Original			Registered

b6
b7C

Wednesday, September 15, 2004

Page 3 of 12

For Official Use Only

(2)

~~SECRET~~

Freedom of Information and Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION DOCUMENTS

Section: 10



Federal Bureau of Investigation

~~SECRET~~

DIS Workstation Software Installation Instructions for Ver 3.17 Using JAZ Disk

Load DIS Software From Jaz Drive Platter

The Iomega Jaz drive is identified as /dev/dsk/c0t1d0. The 't1' represents the SCSI Unit 1 hardware address. This identifier must be changed when a different unit number is used. Either a 1GB or a 2 GB Jaz drive can be utilized for installation.

Note: The SCSI adapter must be configured so that t1 and t2 (Jaz drives) have a maximum transfer rate of 10MB and the 'SCSI Ultra' mode has been disabled. This is new with Ver 3.17.

For initial installation of the DIS software, steps a, b, c, d, g, and h should be omitted. The complete procedure assumes a previous version has been installed.

- a. Close any active sessions that may be running
- b. Eject all Jaz platters
- c. Select the 'OS Access' button and move the new window to another part of the screen.

Note: If the 'OS Access' button is not visible, then this workstation is not the 'master'. The following steps must be performed:

Select 'Shutdown' from the main DIS window
Wait for system to stop
Disconnect system from network
Reboot workstation
Go back to the beginning of Step c.

- d. Select 'Shutdown' on the main DIS screen

(The system is now ready for software installation)

- e. Become root

```
> su root
> passwd: (password)
```

- f. Make the Jaz media available. Insert the platter into the drive set for SCSI Unit 1 (also identified as Target 1, or as the 'Bulk' drive).

```
# mount /dev/dsk/c0t1d0s2 /optical0
```

b2
b7E



~~Unclassified~~ - Sensitive

~~SECRET~~

~~SECRET~~

- g. Remove previously installed version, if present

```
# cd /redhook
# pkgrm redhook
      (answer 'y' or default when prompted)
```

- h. Ensure all previous data (if any) is removed from the system.

```
# rm -rf /redhook/*
```

- i. Install the DIS software application package

```
# pkgadd -d /optical0 redhook.usa
```

-OR- for Canadian version:

```
# pkgadd -d /optical0 redhook.can
```

(answer 'y' or default when prompted)

Note: If the message "The following files are already installed on the system and are being used by another package: /etc/format.dat" is output, answer 'yes' to the "Do you want to install these conflicting files" message.

- j. Free the optical platter and Reboot

```
# umount /optical0
# reboot
```

Remove Jaz media.

- k. Reconnect the Network, if the workstation was removed from the network in Step c.
- l. The DIS Workstation is now ready for use. Previously entered session information must be reentered.

Optional Quantum DLT7000 Tape Drive Setup Procedure

The Quantum DLT7000 digital tape drive can be utilized with the DIS system. The drives are assumed to have been installed as SCSI target units 4 and 6.

Solaris X86 Desktop, Ver 2.5.1, Driver Update 11, or Ver 2.6, Driver Update 2, from Sun Microsystems, is required.

b2
b7E

Unclassified - Sensitive

~~SECRET~~

~~SECRET~~

1. After the hardware has been successfully installed, reboot system, if not already done.
2. Load the DIS software application.
3. Login as 'manager'.
4. Select 'OS Access ...' button and select the OS window.
5. Set DLT tape operational mode by entering:

```
cd /redhook/bin  
cp -p redhook.tape redhook.sh
```

Note: To disable DLT tape operations, enter: `cp -p redhook.norm redhook.sh`

6. Quit the 'OS Access...' window.
7. Select the 'Shutdown' button to reboot the system..
8. After the system completely boots, tape operation can be verified by observing the presence of the 'Tape Media...' button on the main 'Manager' window or the main 'Agent' window.

b2
b7E

 ~~Unclassified~~ - Sensitive

~~SECRET~~

(Preserve Data)
This message may not be displayed.

(Automatically Layout File Systems)
Manual layout

(File System and Disk Layout)
Customize

(Customize Disks)
Note: Change the partition table values to match either of the tables below.
Based on the actual physical size, the warning message "Rounding Error"
may be displayed. This message can be ignored

Table 3 - Single 2GB Drive System Partition Information

for device/dsk c0t0d0

Partition	Identifier	Size	
0	/	150	
1	swap	128	
2	overlap	2156	(automatically set)
3	/export/home	100	
4			
5			
6	/usr	200	
7	/redhook	1577	(all available space left)

OK

(File System and Disk Layout)
Continue (when above steps are completed)

(Mount Remote File Systems?)
Continue

(Profile)
(Displays information, similar to:)

Installation Option:
Initial

Boot Device:
c0t0d0

Client services:
none

Software:
Solaris 2.6,
End User System Support

File System and Disk Layout:

/	c0t0d0s0	150 MB
swap	c0t0d0s1	128 MB
overlap	c0t0d0s2	2156 MB
/export/home	c0t0d0s3	100 MB
/usr	c0t0d0s6	200 MB
/redhook	c0t0d0s7	1577 MB

Begin installationAuto Reboot

(Information)

(Remove 'Solaris 2.6, Driver Update 3 BOOT Disk')Ok

(Installing Solaris - Progress)

Note: This step takes about 15 minutes. A progress indicator is displayed.

Note: The diskettes used in the following several steps must be write enabled. Should a 'read only' disk be used, an error message is displayed. Write enable the floppy, re-insert, and press <enter> to continue.

Insert 'DU3D1' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 1) when prompted in the Console window.

Note: Be sure the mouse is located in the 'Console Window' and the window has been selected.

(press enter)

If prompted to, insert 'DU3D2' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 2).

(press enter)

If prompted to, insert 'DU3D3' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 3).

(press enter)

Remove any diskettes that may be in the drive.

The system will start application software installation using the 'Solaris Install Console' window. This window can be resized for easier reading. The application installation will take about 5 minutes.

The message 'Additional Update Diskettes to install (y/n) [y]' is displayed.

y

Note: The Video Driver Update diskettes must be write enabled.

(Preserve Data)
This message may not be displayed.

(Automatically Layout File Systems)
Manual layout

(File System and Disk Layout)
Customize

(Customize Disks)
Note: Change the partition table values to match either of the tables below.
Based on the actual physical size, the warning message "Rounding Error"
may be displayed. This message can be ignored

Table 3 - Single 2GB Drive System Partition Information

for device/dsk c0t0d0

Partition	Identifier	Size	
0	/	150	500 500 500
1	swap	128	128 128 128
2	overlap	2156	(automatically set) 4322
3	/export/home	100	500 500 500
4			4314
5			
6	/usr	200	1168 1120 1176
7	/redhook	1577	(all available space left) 2048 2000

OK

(File System and Disk Layout)
Continue (when above steps are completed)

(Mount Remote File Systems?)
Continue

(Profile)
(Displays information, similar to:)

Installation Option:
Initial

Boot Device:
c0t0d0

Client services:
none

Software:
Solaris 2.6,
End User System Support

File System and Disk Layout:

/	c0t0d0s0	150 MB
swap	c0t0d0s1	128 MB
overlap	c0t0d0s2	2156 MB
/export/home	c0t0d0s3	100 MB
/usr	c0t0d0s6	200 MB
/redhook	c0t0d0s7	1577 MB

Begin installationAuto Reboot

(Information)

(Remove 'Solaris 2.6, Driver Update 3 BOOT Disk')Ok

(Installing Solaris - Progress)

Note: This step takes about 15 minutes. A progress indicator is displayed.

Note: The diskettes used in the following several steps must be write enabled. Should a 'read only' disk be used, an error message is displayed. Write enable the floppy, re-insert, and press <enter> to continue.

Insert 'DU3D1' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 1) when prompted in the Console window.

Note: Be sure the mouse is located in the 'Console Window' and the window has been selected.

(press enter)

If prompted to, insert 'DU3D2' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 2).

(press enter)

If prompted to, insert 'DU3D3' diskette (Solaris 2.6 x86 Driver Update 3 Diskette 3).

(press enter)

Remove any diskettes that may be in the drive.

The system will start application software installation using the 'Solaris Install Console' window. This window can be resized for easier reading. The application installation will take about 5 minutes.

The message 'Additional Update Diskettes to install (y/n) [y]' is displayed.

y

Note: The Video Driver Update diskettes must be write enabled.

~~SECRET~~

Document No. 190977
Revision [0]
Sept 14, 1998

PC/PDU Hardware and Software Setup

Procedure

Revision [0]

September 14, 1998

Prepared by:

Software CM

Approved by

9/25/98

Project Engineer

Approved by

9/18/98

QA Quality Assurance

Approved by:

Systems Engineer

b6
b7C

DATE: 06-15-2007
CLASSIFIED BY 65179DMH/KSR/LMF
REASON: 1.4 (G)
DECLASSIFY ON: 06-15-2032

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

~~SECRET~~

11.3 Application Removal

The PC PDU application is removed with the following procedure

Terminate the PC PDU application, if it is executing

- Click 'Start'
- Click 'Settings'
- Click 'Control Panel'
- Click 'Add/Remove Programs'
- Select 'Redhook - PC PDU'
- Click 'Add/Remove'
- Click 'yes'
- Click 'Ok'
- Click 'Ok'

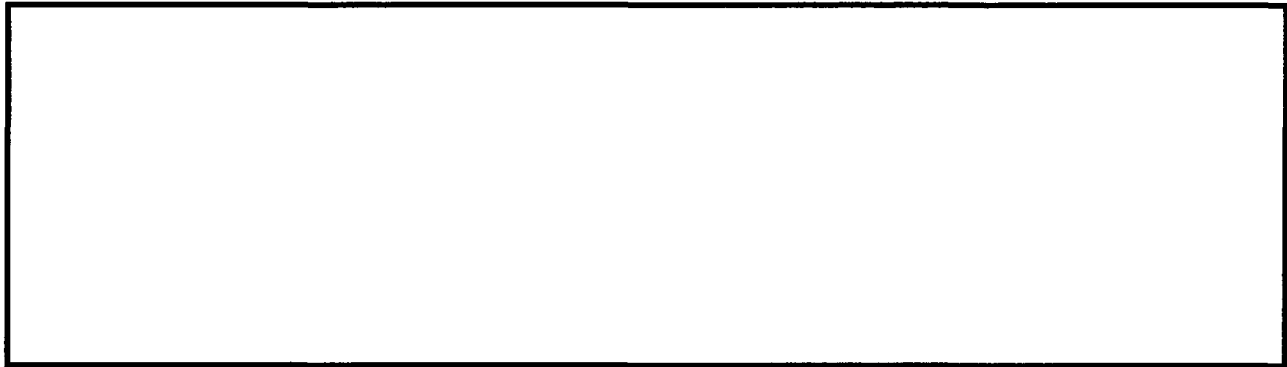
Note: If any files were added to the installation directory, such as debug or trace output files, the directory will not be completely removed. This directory and any remaining files can be manually removed with Windows Explorer.

SENSITIVE BUT UNCLASSIFIED

3. SYSTEM DESCRIPTION

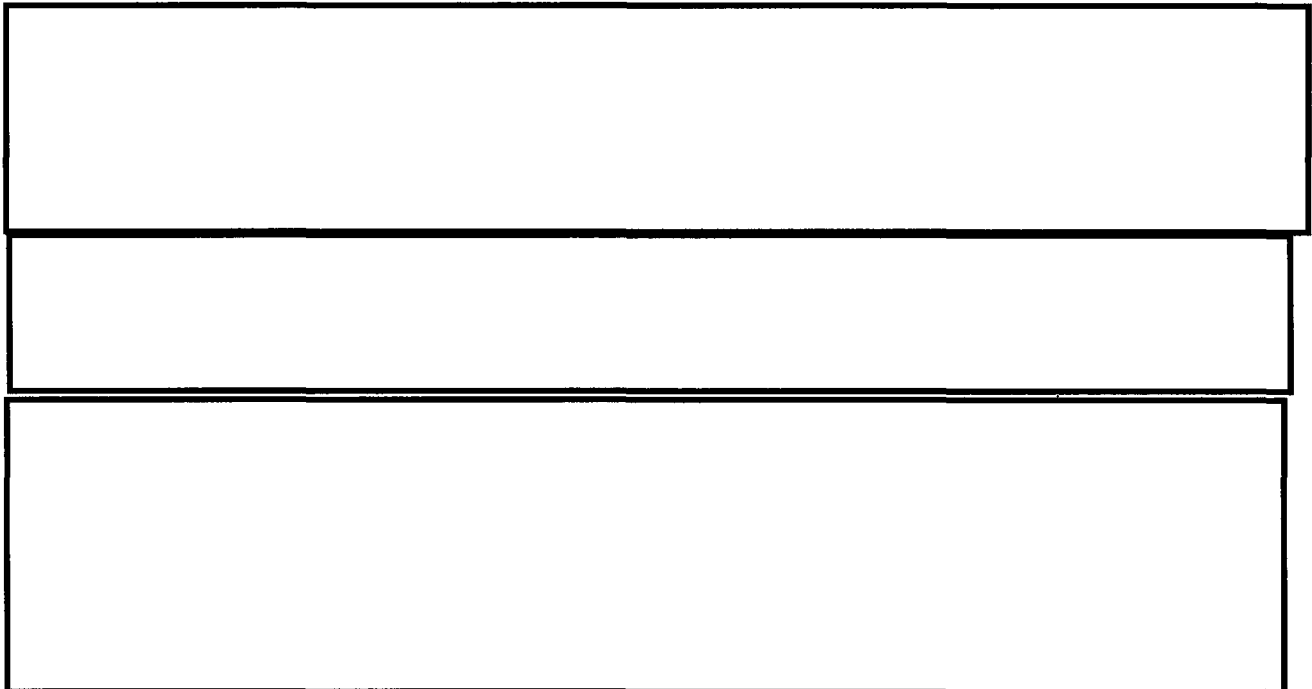
3.1 Summary

OTHER OUT OF SCOPE



The J3094 can also receive, via direct RS-232 cable connection, unclassified, downloaded call record information from the DCS-3000. The call records are processed through an acknowledgement (ACK) signal from the J3094 in order to send subsequent records. This ACK signal itself does not contain any call record or system information but is just an RS-232 data bit that acknowledges the receipt of the call record.

OTHER OUT OF SCOPE



3.2 System Diagram



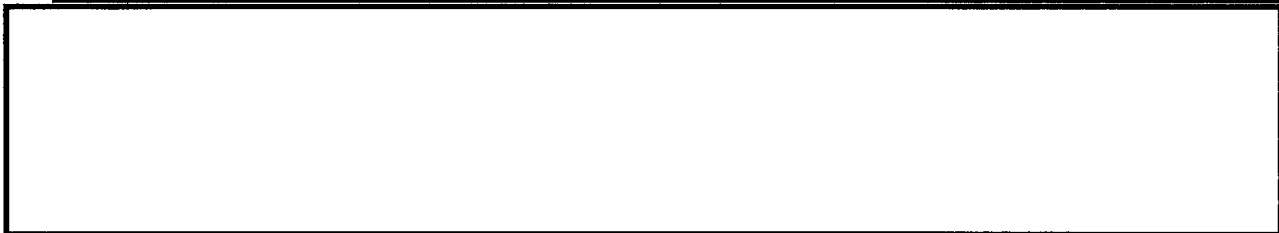
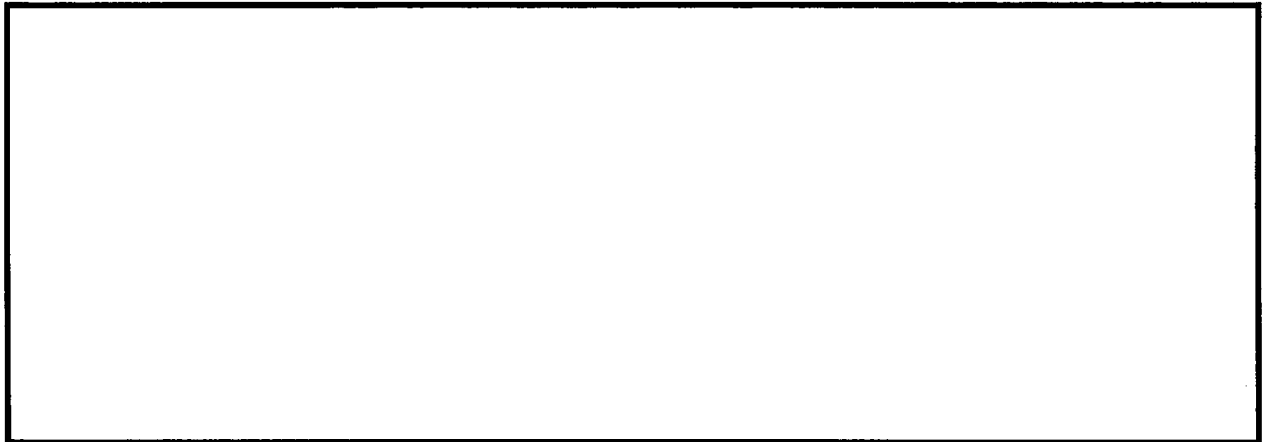
OTHER OUT OF SCOPE

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

3.5 Data Processed

The J3094 collects pen register data from local or remote dialed number records, as well as via a one-way push from the DCS-3000. The DNR processes target activity and outputs the data in the form of ASCII comma delimited files. The J3094 receives these files and deposits them in a data base for future upload to the TA database via removable media. These files collected from the DNR's consist of target number, telephone number, date/time of call, duration, and on/off hook.

**SENSITIVE BUT UNCLASSIFIED**

SENSITIVE BUT UNCLASSIFIED

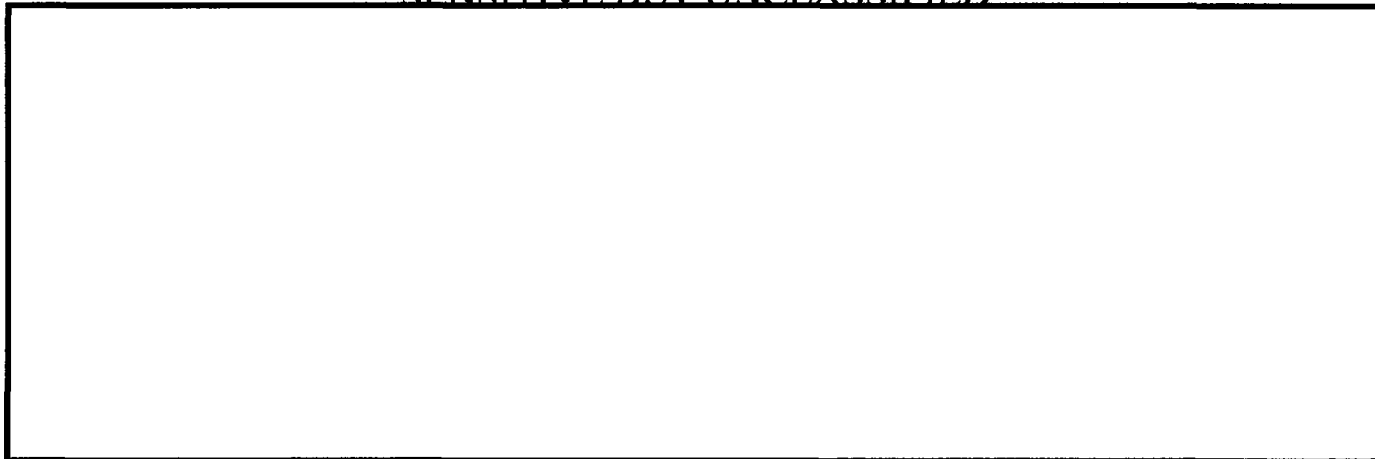
OTHER OUT OF SCOPE

3.9.2 Connectivity Management Procedures

The only connections of any sort involve those between the DNR's and remote DNR's to the J3094 via telephone modem, for the purpose of retrieving call data, as well as call records received via one-way push from the DCS-3000 via a RS-232 direct cable connection, using ACK signals.

SENSITIVE BUT UNCLASSIFIED

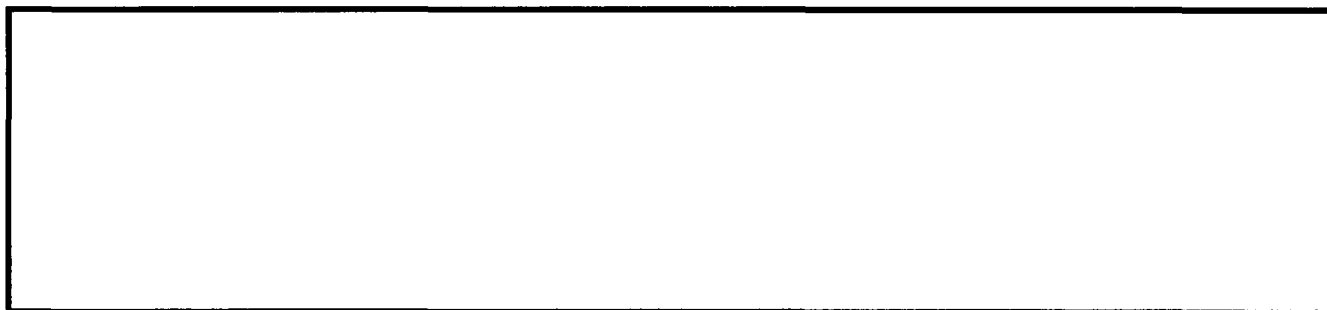
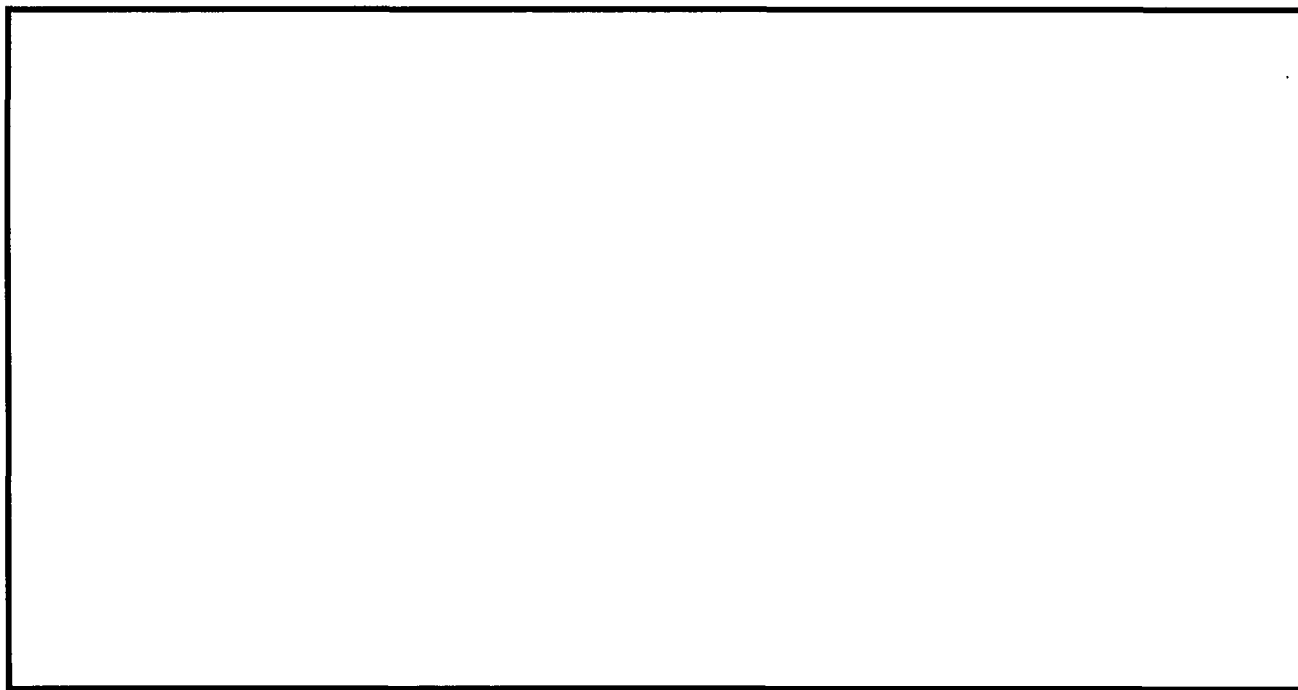
SENSITIVE BUT UNCLASSIFIED



3.9.7 Telecommunications Security

The J3094 does not interface with any other system, other than one-way receipt of call data from the DCS-3000.

OTHER OUT OF SCOPE



SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

DCS-3000	Unclassified	IAS	RS-232 cable
----------	--------------	-----	--------------

— Data from this system is NOT shared or distributed to any other systems.

X Data stored on media created on or used on this information system is distributed for use on the following system(s):

SYSTEM NAME	CLASSIFICATION & COMPARTMENTS	ACCREDITED BY	TRANSFER METHOD
TA	Unclassified	IAS	Floppy Disk

Export of any data that is collected from the various systems is conducted on a daily basis. The user will search the database with the Call Record Analysis module and export the new files using the "Export to TA" file option. This option will format the selected data into a form that Telephone Applications will accept and give the user the opportunity to write this data to an external drive. The user will then remove the media and deliver it to the Telephone Applications workstation for upload. The media is then returned to the J-3094 system for reuse or storage.

4. HARDWARE

4.1 Hardware Listing

See Attachment F - Equipment List.

4.2 Custom-Built Hardware

N/A

4.3 Configuration Management

See paragraph on the 7.5.3 Configuration Management Program.

5. SOFTWARE

5.1 Software Listing

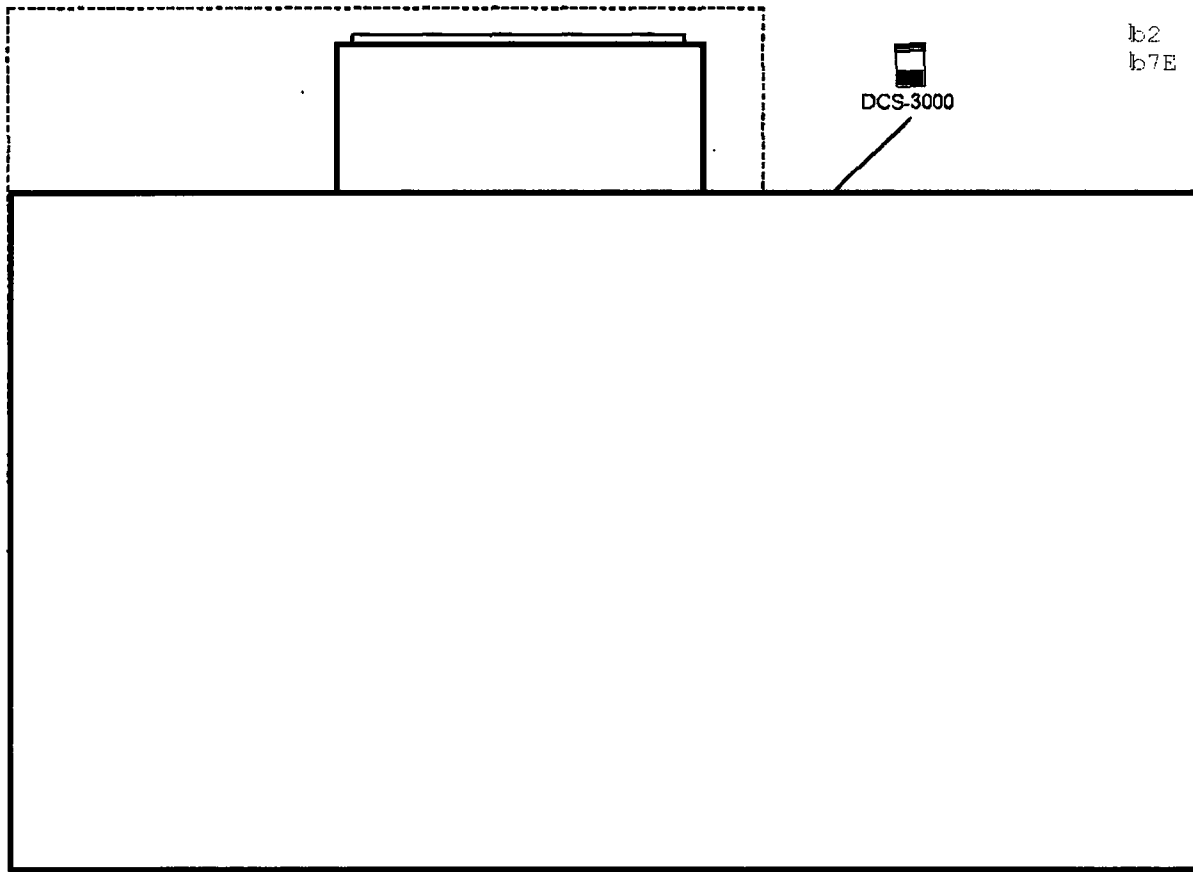
See Attachment G - Software List.

5.2 Configuration Guides

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

Attachment D - System Diagrams



b2
b7E

Accreditation Boundary

J3094 Accreditation Boundary

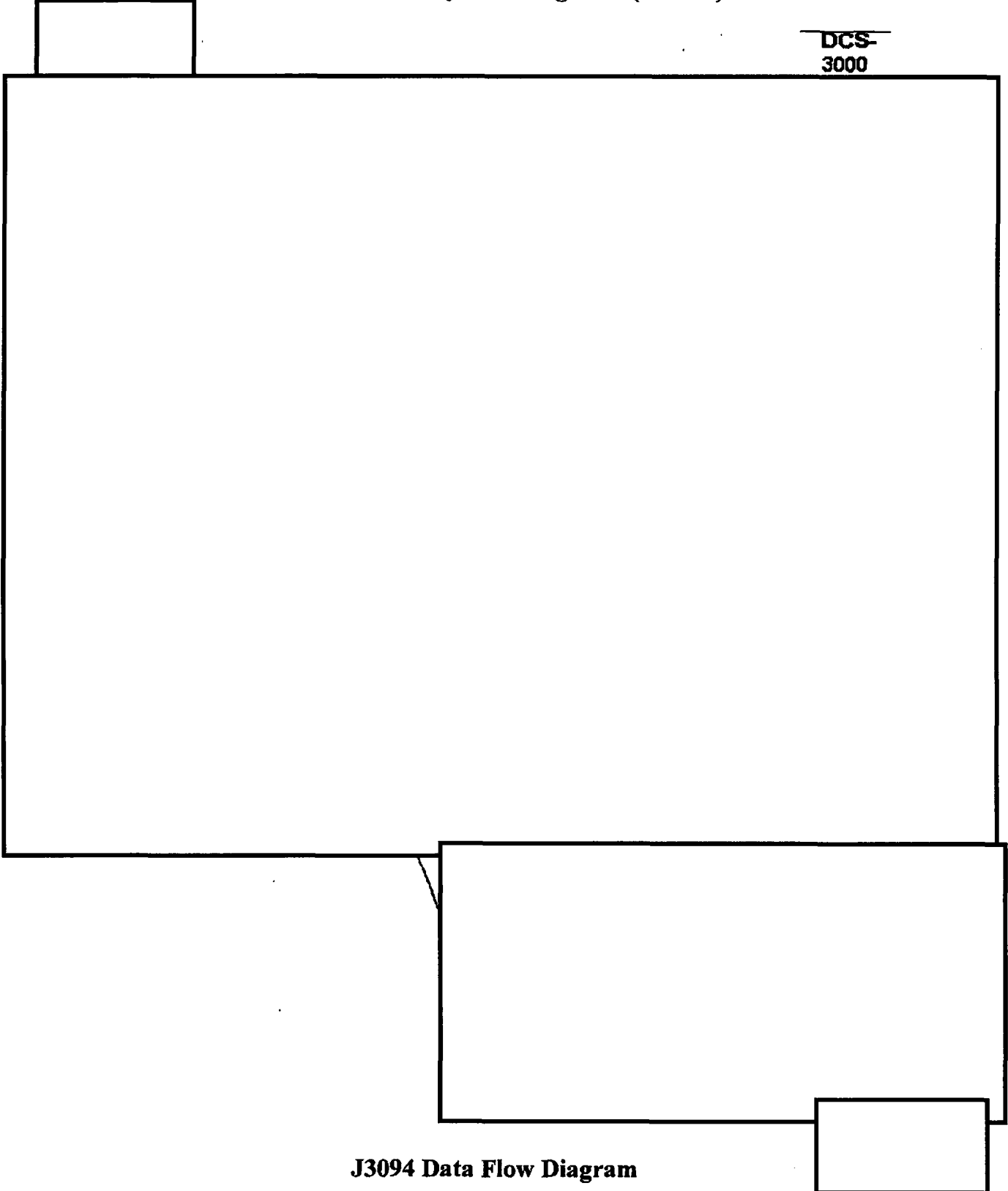
SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

b2
b7E

Attachment E - System Diagrams (Cont'd)

DCS-
3000



J3094 Data Flow Diagram

SENSITIVE BUT UNCLASSIFIED

FOR OFFICIAL USE ONLY

4-MAY-2004

- ☐ Counterterrorism Related System
☒ Operational System

Serial Number: [REDACTED]

Network/System Name: J3094

Acronym: [REDACTED]

Former Designations (if applicable)

b6

Network/System Name:

b7C

Acronym:

Point of Contact	Division	Phone	Name	E-Mail Address
System Owner				
Program Manager	ITD	703-[REDACTED]	[REDACTED]	[REDACTED]
Information System Security Manager	ITD	703-[REDACTED]	[REDACTED]	[REDACTED]
Information System Security Officer	ITD	703-[REDACTED]	[REDACTED]	[REDACTED]
System Administrator	ITD	703-[REDACTED]	[REDACTED]	[REDACTED]
User Representative	ITD	703-[REDACTED]	[REDACTED]	[REDACTED]
Certification Lead	11	202-[REDACTED]	[REDACTED]	[REDACTED]

Registration Request	Initial CA Effort	Data Classification/Sensitivity (Highest Lvl) Sensitive But Unclassified SCI Codes ☐ Foreign Gov. Info Dissemination Caveats ☐ NOFORN ☐ REL TO USA, ☐ FOUO ☐ Other FOIA Exemptions ☐ Rule 6e ☐ Federal Tax Info ☐ Privacy Act ☐ Other	
C&A Documentation Status	Phase 1 Not Started		
Authority To Operate Information			
Current Approval to Operate	Not Specified		
Date Granted			
C&A Tier Level	1	Confidentiality	M
Protection Level	- ? -	Integrity	B
Operational Mode	Dedicated	Availability	B

System Connectivity Requirements (External and Internal)

Internal data connection to the DCS-3000 system via the CI-100. Daily modem connection from J-1156A-00 Remote Dialed Number Recorder (RDNR). External connection to CMP based DNR's

Brief Mission Description

The system supports the FBI's court authorized Electronic Surveillance needs for telephony pen register coverage.

Brief Functional Description

The 3094 collects ASCII pen register records from DNRs and the DCS 3000. FO's perform a daily database search for new records and saves this information to a Telephone Applications disk for upload. The system also provides a means of programming remote DNR's which are used as a cost savings alternative to expensive leased and dial lines

Deployment Scope

- | | | |
|--|---|---|
| ☒ Headquarters | ☒ FBI Field Offices | ☐ Multiple FBI Installations |
| ☐ LEGATS | ☒ Resident Agencies | ☐ Task Force |
| ☐ Off-Site | | |

Locations/Site List:

Primary Location:

Specific Customer Requirements

Does the Application/Information System have a security policy developed for controlling access?	No
Do multiple users access the Application/Information System?	Yes
If the answer is YES, enter the number of users:	120+

System Development

C&A System Registration

FOR OFFICIAL USE ONLY

- 1 of 2

J3094 SSP Information Needed

1. (1.2.2) Identify all projects the system supports.

Traditional Intercept Program

DCS-3000

2. (1.2.3) Identify the planned/intended system usage. Check all that apply:

Deleted: 1

- ☐ Briefing Boards
- ☐ Communications
- ☐ Collaborative Computing
- ☒ Database
- ☐ Data Release
- ☐ Email
- ☐ Image Processing
- ☐ Mapping

- ☐ Network Management
- ☐ Presentations
- ☐ Software Development
- ☐ Prototyping
- ☐ Signals Processing
- ☐ Spreadsheets
- ☐ Web/Web design
- ☐ Word Processing

Other:

x Pen register data

OTHER OUT OF SCOPE

- 3.

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (CON)
Sent: Wednesday, July 13, 2005 8:18 AM
To: [REDACTED] (OTD) (FBI)
Subject: FW: FY06 DRAFT Budget

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

-----Original Message-----

From: [REDACTED] (OTD) (CON)
Sent: Tuesday, July 12, 2005 6:19 PM
To: [REDACTED] (OTD) (CON); [REDACTED] (OTD) (FBI)
Subject: RE: FY06 DRAFT Budget

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

I put the amounts from the [REDACTED] *comments* spreadsheet in the "appropriate" spend codes. I also come up with a different total. Unless the FY06 budget changed, it should be \$17M+. The \$600K for DCS-3000 wasn't added to the total. Although I didn't change the spreadsheet, the software plan is only going to cost \$4,150,000 instead of the original \$4,600,000.

-----Original Message-----

From: [REDACTED] (OTD) (CON)
Sent: Tuesday, July 12, 2005 3:06 PM
To: [REDACTED] (OTD) (CON); [REDACTED] (OTD) (FBI)
Subject: FY06 DRAFT Budget
Importance: High

b6
b7C

Attached are the figures I ended up with. I have NOT passed this to [REDACTED] until you have blessed it.

[REDACTED]

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-14-2007 BY 65179DMH/KSR/LMF

10/4/2006

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Wednesday, September 20, 2006 12:20 PM
To: [redacted] (OTD) (FBI)
Subject: FW: Deployed systems

UNCLASSIFIED
NON-RECORD

b6
b7C

Hope this helps.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, September 19, 2006 3:54 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: RE: Deployed systems

UNCLASSIFIED
NON-RECORD

the database shows 649 machines minus 2 destroyed, 43 in erf, and 103 in storage.
so, 501 in the field.

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Tuesday, September 19, 2006 3:51 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: FW: Deployed systems

b6
b7C

UNCLASSIFIED
NON-RECORD

Guys,

Can we get him an fairly accurate number using the database? Thoughts and comments.

[redacted]

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Tuesday, September 19, 2006 3:33 PM
To: [redacted] (OTD) (FBI)
Subject: Deployed systems

b6
b7C

UNCLASSIFIED
NON-RECORD

[redacted]

Can you give me the total number of deployed dcs-3000 systems? I only need to know what is currently fielded.

Thanks,

[redacted]
[redacted]
Office: 703 [redacted]
Cell: 202 [redacted]
Fax: 703 [redacted]

b2
b6
b7C

Tracking Technology Unit

b6
b7c



**Van Integration
DCS 10-20C**

WITT Locating Cell Sites

Wireless Intercept and Tracking Team

- Use CALEA Information
- Location information is limited to the beginning and end of an intercepted call
- CALEA event messages use two specific parameters to convey location information
 - IAPSystemID
 - Identifies the system identity of the intercepted access point, usually a numerical form of the switch identity (e.g., 4195-1-1, 0000200042, or 12819851340)
 - Location
 - Identifies the cell site and sector (e.g., 373-3, 123X, L:187 C:80398, or 310262903110023)

WITT Locating Cell Sites

Wireless Intercept and Tracking Team

- Importance of IAPSystemID and Location Parameters
 - Combination of IAPSystemID and location uniquely identify the cell site
 - CDMA Example
 - IAPSystemID = 4182-4-1
 - SID = 4182 (Verizon Wireless San Antonio, TX)
 - Switch ID = 4
 - Location
 - Cell ID = 327
 - Sector = 3

WITT Typical Investigative Chronology

Wireless Intercept and Tracking Team

Importance of DCS3000 Information



WITT TICTU Cell Site Database

Wireless Intercept and Tracking Team

- Centralized database located at ERF in Quantico, VA
- One database table per carrier
 - Cell sites are indexed by SID (for IS-41 networks) or LAC (for GSM networks)
 - Cell sites are divided up by the 10 RTL regions



WITT Purpose of DCS-1020

Wireless Intercept and Tracking Team

- The DCS-1020 system was developed by OTD to provide real time cell site location information to mobile Wireless Intercept and Tracking Team (WITT) vehicles and complement other cellular tracking tools.
- The information delivered to the WITT vehicle is derived from intercept information collected by the DCS-3000 pursuant to a location enhanced pen-register order and includes:
 - cell site identifier
 - switch identifier
 - time stamp
 - cell site latitude and longitude
 - sector orientation and sector size

b2
b7E

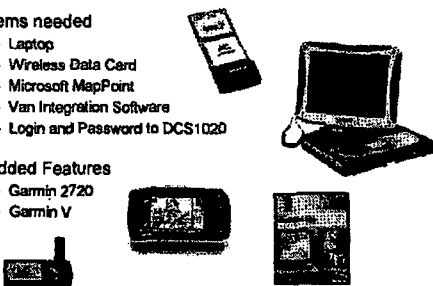
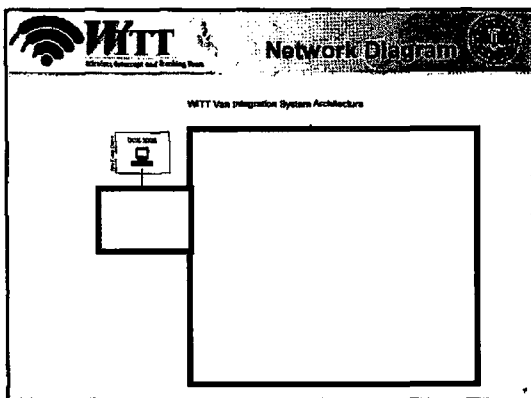
WTT Always Evolving

- Wireless modems have been replaced by wireless data cards
- Much more reliable and faster data speeds
- Added features from original design
- On line upgrades to DCS1020 software
- Cell site updates posted for download



WTT What's Needed

- Items needed
 - Laptop
 - Wireless Data Card
 - Microsoft MapPoint
 - Van Integration Software
 - Login and Password to DCS1020
- Added Features
 - Garmin 2720
 - Garmin V

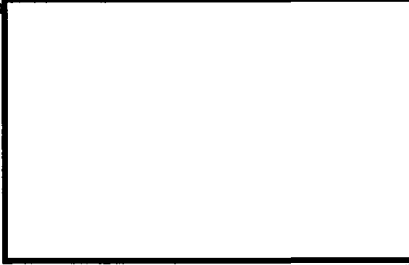



WTT Features

- Features
 - Pre-population of cell sites by region and carrier
 - Real-time CALEA cell site information including sector
 - History of previous cell site locations of target
 - Audible alarm when call occurs
 - GPS positioning of WTT vehicle using the Garmin V
 - History of WTT vehicle location
 - Directions to driver using the Garmin 2720 StreetPilot
 - Ability to track multiple target numbers
 - Ability to track multiple WTT vehicle locations

WTT Pre-population cell sites

- Cell Site plotting in Microsoft MapPoint 2006 by region



WTT Cell Site Plotting

- A closer look
- Right click on tower to display specific tower information



b2
b7E

b2
b7E

b2
b7E

~~SECRET~~

DCS-1020

Software Installation and Users Manual



Version 2.5

September 1st, 2006

**Wireless Intercept and Tracking Team
Tracking Technology Unit**

DATE: 06-15-2007
CLASSIFIED BY 65179dmh/ksr/lmf
REASON: 1.4 (G)
DECLASSIFY ON: 06-15-2032

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

~~SECRET~~

TABLE OF CONTENTS

1. SCOPE.....	1
2. SYSTEM OVERVIEW.....	1
3. INSTALLATION.....	2
4. USING THE APPLICATION.....	3
5. ADDITIONAL FEATURES.....	6

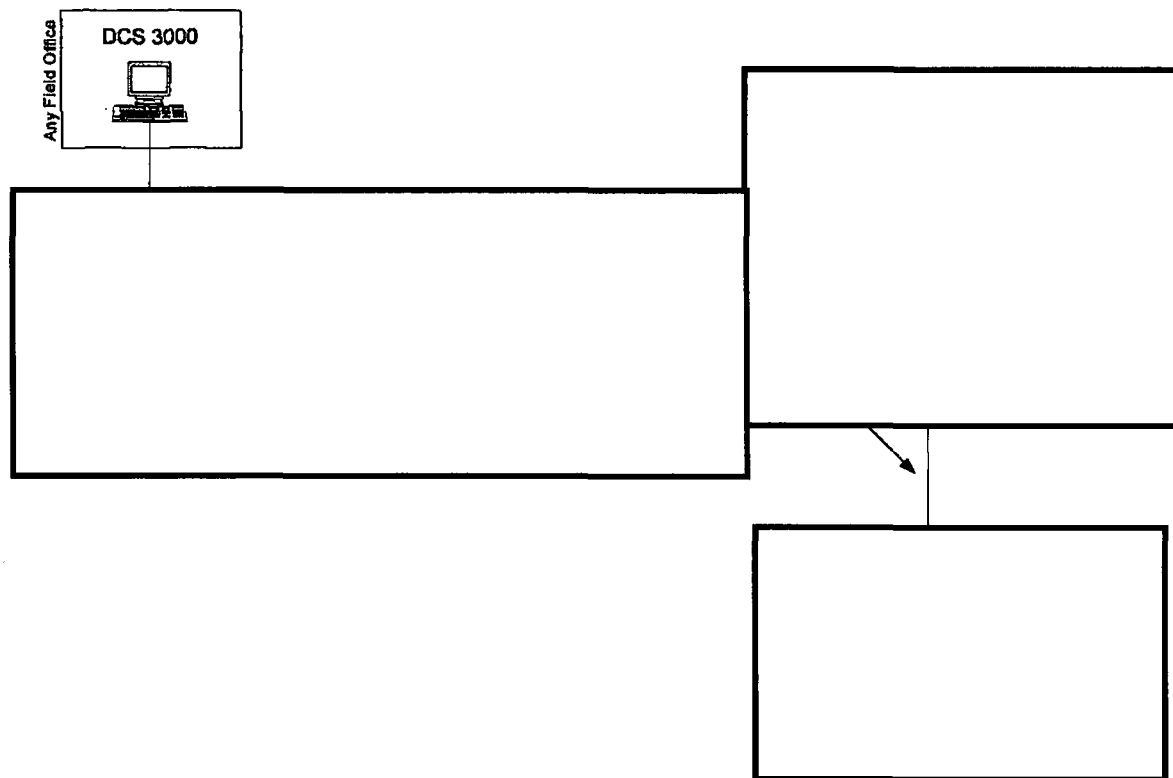
1. SCOPE

This installation manual will inform the user on how to install the Van Integration, also called DCS-1020, application. It will also describe the features of the system and how to use the DCS-1020 application.

2. SYSTEM OVERVIEW

The DCS-1020 system was developed by the Operational Technology Division to provide real time cell site location information to mobile Wireless Intercept and Tracking Team (WITT) vehicles and complement other cellular tracking tools. The system architecture is illustrated in Figure 1.

DCS-1020 System Architecture



b2
b7E

Figure 1. DCS-1020 system architecture

The information delivered to the WITT vehicle is derived from intercept information collected by the DCS-3000 pursuant to a location enhanced pen-register order and includes the cell site identifier, switch identifier, time stamp, cell site latitude and longitude, sector orientation, and sector size. The DCS-3000 system must be preconfigured to deliver information to the DCS-1020 system on a per target basis. This configuration process is outside the scope of this

document and should be coordinated with the technical staff responsible for operating the DCS-3000 in your office.

3. INSTALLATION

Before installing any components of the Van Integration system please check the following settings on the laptop:

Remote Access Manager ON

- Go to Control Panel. Select Administrative Tools. Select Services. Right click on Remote Access Connection Manager. Go to Properties. Set startup type to Automatic.

Cryptographic Services ON

- Go to Control Panel. Select Administrative Tools. Select Services. Right click on Cryptographic Services. Go to Properties. Set startup type to Automatic.

FIPS Compliance OFF

- Go to Control Panel. Select Administrative Tools. Select Local Security Policy. Select Local Policies. Select Security Options. Right click on System Cryptography: Use FIPS compliant algorithms for encryption, hashing and signing. Go to Properties. Select Disable.

3.1 Wireless Internet Card (AirCard)

Install the [redacted] as directed (use [redacted] if requested). **Do not insert the AirCard device in the computer until the software has been completely installed.** When installing wireless Internet cards other than the [redacted] please follow the specific installation instructions for the device.

3.2 Microsoft MapPoint

Install Microsoft MapPoint Software (2 CD set) and use the default settings.

b2
b7E

3.3 DCS-1020C

Insert the Van Integration CD (a.k.a. DCS-1020C) into the computer CD-ROM drive. To install the software run the following program located on the CD:

dcsl020-install.bat

4.3 Configure the DCS-1020C Settings

Launch the DCS1020 application (a shortcut should be on your desktop after the installation). Verify the Server settings are correct by clicking on the Configure from the top menu in the DCS1020C window, then choose Server Options.

b1

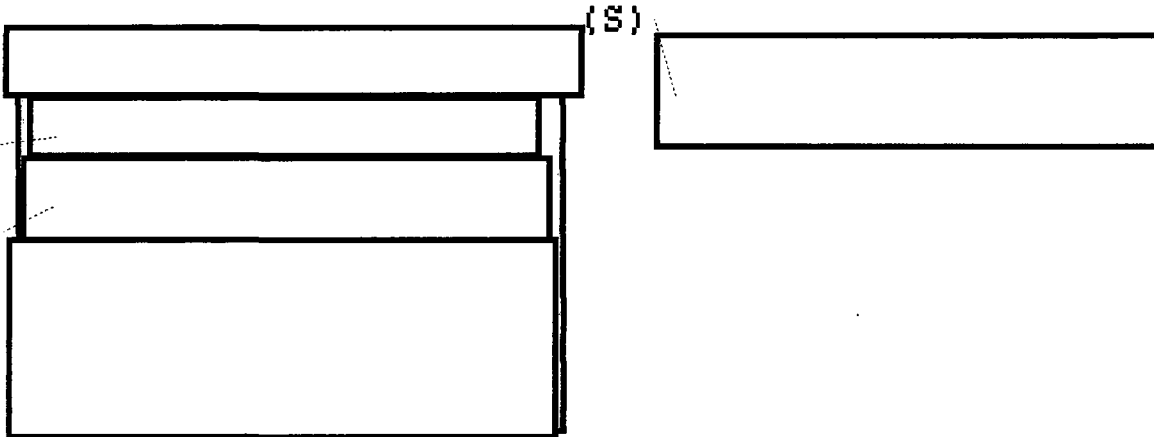
(S)

(S)

(S)

b2
b7E

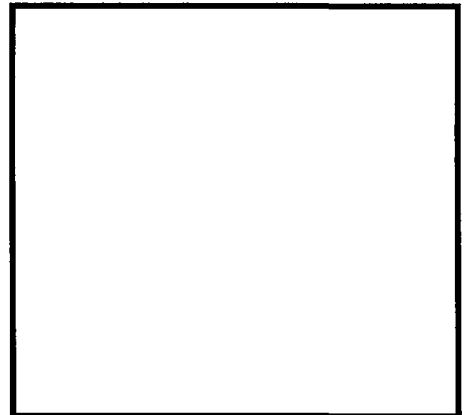
b1



4.4 Set the Target Number(s)

Enter the Target's CALEA CaseID by clicking on Configure from the top menu, then Target Options. The Target CaseID must match the CaseID in DCS3000, which is defined by the carrier. You can enter multiple CaseIDs covering multiple Target numbers. For example, in cases where a [redacted] target roams onto the [redacted] network the CaseIDs used by [redacted] will likely be different. In this case, each CaseID must be provisioned in the Target Numbers window in order to successfully monitor the target's location.

b2
b7E



[REDACTED] (OTD)(CON)

From: [REDACTED] (OTD) (FBI)
Sent: Tuesday, September 19, 2006 2:52 PM
To: [REDACTED] (OTD) (FBI); [REDACTED] (OTD)(CON)
Cc: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI)
Subject: DCS3000

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

b6
b7C

[REDACTED]
Attached is a quick slide for the DCS3000. Do you think a graphic would be better than listing all the application names?



DCS3000.ppt (211 KB)

SENSITIVE BUT UNCLASSIFIED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-14-2007 BY 65179DMH/KSR/LMF

b2
b7Eb6
b7C

Division Organization Contact List and RMS Search List						
Unit	Program Name	Program Keywords (maximum of 1 per program)	Program Manager	Phone No.	Program Team Members (can be the same people on multiple programs)	Phone No.
TICTU	DCS-5000	DCS 5000	SSA [redacted]	703 [redacted]	[redacted]	703 [redacted]
TICTU	DCS-5000	[redacted]				703 [redacted]
TICTU	DCS-5000	[redacted]				703 [redacted]
TICTU	DCS-5000	[redacted]				703 [redacted]
TICTU	DCS-5000					703 [redacted]
TICTU	DCS-5000					703 [redacted]
TICTU	DCS-6000	DCS 6000	SSA [redacted]	703 [redacted]		703 [redacted]
TICTU	DCS-6000	[redacted]				703 [redacted]
TICTU	DCS-6000	[redacted]				703 [redacted]
TICTU	SBIT	[redacted]	[redacted]	703 [redacted]		703 [redacted]
TICTU	SBIT					703 [redacted]
TICTU	SBIT					703 [redacted]
TICTU	SBIT					703 [redacted]
TICTU	SBIT	DCS 3000				703 [redacted]
TICTU	SBIT	[redacted]	[redacted]			
TICTU	Traditional Technology	[redacted]	[redacted]	703 [redacted]	[redacted]	703 [redacted]
TICTU	Traditional Technology	[redacted]			[redacted]	703 [redacted]
TICTU	Traditional Technology	[redacted]			[redacted]	703 [redacted]
TICTU	Traditional Technology	[redacted]				
TICTU	Traditional Technology	[redacted]				
TICTU	Traditional Technology	[redacted]				

[REDACTED] (OTD)(CON)

From: [REDACTED] (OTD) (FBI)
Sent: Friday, September 15, 2006 4:30 PM
To: [REDACTED] (OTD) (FBI)
Cc: [REDACTED] (OTD)(CON); [REDACTED] (OTD) (CON); [REDACTED] (OTD) (FBI)
Subject: DCS-5000 Wkly HiLites (9/11/06 - 9/15/06)

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Accomplishments -

Development -

- ERF Disaster Recovery Back-ups - Approx. 25% of the RW system components still need backing-up by ghost imaging hard-drives. Customization techniques are required to complete this task due to non-standard hardware components.
- RTIU Testing - preparations have been completed in order to evaluate bandwidth data of Arachnet, Windows Workstations, and Solaris Workstations. The reconfigured Solaris WS and Windows WS were tested and actual testing shall begin the week of 9/18.
- Discussions continue between ERF and RTN in order to finalize the architecture specifications required for the development of the ADS/WebServer/WWS/Disaster Recovery Back-up. This is a work in-progress until the installation is implemented in the 1st Qtr CY07.

Filed Support/Logistics -

- MS Security Patch "06-40" - Seventy CDs were delivered to the field. This patch shall be installed on ALL Windows machines that TICTU supports (DCS-3000, 5000, 6000, Daemon) [REDACTED] CSOC informed the field of the installation procedure and shall monitor and capture completion status. The estimated completion date has not been determined.
- KC is still experiencing problems with the RW system - failures: ring detection, no caller ID detection
 - Duplicated the set up on ERF2 system, but we were unable to duplicate the failure. ERF/RTN talked to the site with recommended modifications to settings. No improvements were made after incorporating mods. We have exhausted all ideas at this point. Should somebody go to the site?
- LA is experiencing RDNR "Store and Forward" problems with the RW system. Caller ID bursts aren't being captured on the RW. We will contact the site to gather additional information and try to determine the problem.
- Norfolk is still experiencing Achieving problems. RTN is working with the site to gather more information. May need to send RTN to site.
- OWP field issues continue to be identified. The issues cause inconveniences to Linguist, case agents, and system administrators. Solutions to the identified issues are being investigated by TICTU and RTN.
- ERF was contacted by RH stating that the corrections made last week on the problem [REDACTED] is now working.
- A meeting with NYC [REDACTED] is scheduled for Tues (19SEP06) at ERF-E to discuss System#4, ADS/WWS Plans, recent RS failure (no alarm detected) - nothing was collected for a period of time, CALEA issues, etc.

Contracts/Admin -

- RTN meeting 18SEP06 to reconcile Pos/TORs in order to determine remaining balances for future expenditures
- Still working with RTN to update CLIN Lists
- Awaiting RTN is proposal for hardware replacement for ADS equipment. The equipment order is required for ADS deployment.
- Efforts continue to bring in additional resources.

Leave/Travel -

- [REDACTED] RW Security Upgrade at HN (9/21/06 - 9/27/06).
- [REDACTED] shall be on AL from 9/25/06 - 9/29/06.

[REDACTED] (OTD) (CON)

From: [REDACTED] (OTD) (CON)
Sent: Wednesday, June 28, 2006 11:13 AM
To: [REDACTED] (OTD) (CON)
Subject: RE: FY03 & FY04 Planned vs. Actual

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Thanks

-----Original Message-----

From: [REDACTED] (OTD) (CON)
Sent: Tuesday, June 27, 2006 2:17 PM
To: [REDACTED] (OTD) (CON)
Subject: FY03 & FY04 Planned vs. Actual

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

FY03
DCS5000

[REDACTED]

DCS6000

[REDACTED]

b2
b7E

DCS3000
Planned \$4,154,638
Actual \$4,116,667

FY04
DCS5000

[REDACTED]

[REDACTED]

b2
b7E

DCS6000

[REDACTED]

DCS3000
Planned \$3,535,507
Actual \$3,525,469

b6
b7C

[REDACTED]
OTD/ESTS/TICTU
(O) 703 [REDACTED]
(F) 703 [REDACTED]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-14-2007 BY 65179DMH/KSR/LMF

b2

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

[REDACTED] (OTD) (CON)

From: [REDACTED] (OTD)(CON)
Sent: Monday, June 19, 2006 10:29 AM
To: [REDACTED] (OTD) (CON)
Subject: FW: ITAB Briefing Schedule (& Template)

b6
b7C

UNCLASSIFIED
NON-RECORD

FYI...

Hi [REDACTED]

I will need some input from you regarding the budget and timeline for the various phases for this presentation. I heard from [REDACTED] today that the presentation date has been moved from September 21 to sometime in November.

Thanks
[REDACTED]

b6
b7C

-----Original Message-----

From: [REDACTED] (OTD)(CON)
Sent: Monday, June 19, 2006 10:23 AM
To: [REDACTED] (OTD) (FBI)
Cc: [REDACTED] (OTD) (CON)
Subject: FW: ITAB Briefing Schedule (& Template)

UNCLASSIFIED
NON-RECORD

Hi [REDACTED]

Here is the ITAB template. When [REDACTED] gets in tomorrow, I will see what Powerpoint presentations she has on the DCS-3000, DCS-5000 & DCS-6000 and try to incorporate as much as I can.

Thanks,
[REDACTED]

b6
b7C

-----Original Message-----

From: [REDACTED] (OCIO) (CON)
Sent: Monday, June 19, 2006 9:53 AM
To: [REDACTED] (OTD)(CON)
Subject: RE: ITAB Briefing Schedule

UNCLASSIFIED
NON-RECORD

b6
b7C

Hi [REDACTED]

Thanks for your inquiry.

Yes, the briefing is high-level. The ITAB members are all Assistant Directors - from all FBIHQ divisions.

Attached is the template that the CIO established as the standard for all ITAB briefings. Use this as your guide and it is specific about the kind of information requested.

[REDACTED] (OTD) (CON)

b6
b7C

From: [REDACTED] (OTD) (CON)
Sent: Wednesday, June 28, 2006 11:13 AM
To: [REDACTED] (OTD)(CON)
Subject: RE: FY03 & FY04 Planned vs. Actual

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

Thanks

-----Original Message-----

From: [REDACTED] (OTD)(CON)
Sent: Tuesday, June 27, 2006 2:17 PM
To: [REDACTED] (OTD) (CON)
Subject: FY03 & FY04 Planned vs. Actual

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

FY03
DCS5000

[REDACTED]

b2
b7E

DCS6000

[REDACTED]

DCS3000
Planned \$4,154,638
Actual \$4,116,667

FY04
DCS5000

[REDACTED]
[REDACTED]

b2
b7E

DCS6000

[REDACTED]
[REDACTED]

DCS3000
Planned \$3,535,507
Actual \$3,525,469

[REDACTED]
OTD/ESTS/TTCTU
(O) 703 [REDACTED]
(F) 703 [REDACTED]

b6
b7C

b2

SENSITIVE BUT UNCLASSIFIED

SENSITIVE BUT UNCLASSIFIED

[REDACTED] (OTD) (CON)

b6
b7C

From: [REDACTED] (OTD) (CON)
Sent: Wednesday, June 28, 2006 12:15 PM
To: [REDACTED] (OTD) (FBI)
Subject: RE: DCS-3000 Documents

UNCLASSIFIED
NON-RECORD

Thanks

-----Original Message-----

From: [REDACTED] (OTD) (FBI)
Sent: Wednesday, June 28, 2006 11:53 AM
To: [REDACTED] (OTD) (CON)
Subject: DCS-3000 Documents

UNCLASSIFIED
NON-RECORD

b6
b7C

[REDACTED]
Here's what I have.

b2
b7E

[REDACTED]
<< File: DCS3000 System Security Plan [REDACTED]

UNCLASSIFIED

UNCLASSIFIED

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-14-2007 BY 65179DMH/KSR/LMF

[redacted] (OTD) (CON)

From:
Sent:
To:

[redacted] (OTD) (CON)
Wednesday, October 04, 2006 12:11 PM
[redacted] (OTD) (FBI) [redacted] (OTD) (FBI) [redacted] (OTD)
(FBI) [redacted] (OTD) (FBI) [redacted] (OTD) (CON);
[redacted] (OTD) (CON) [redacted] (ITD) (CON)
[redacted] (OTD) (FBI) [redacted] (OTD) (CON); [redacted] (AQ)
(CON) [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
[redacted] (OTD) (CON) [redacted] (OTD) (FBI) [redacted] (OTD) (CON)
(OTD) (CON) [redacted] (OTD) (FBI) [redacted] (OTD) (FBI) [redacted] (OTD)
(OTD) (FBI) [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
(CON) [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
[redacted] (OTD) (FBI) [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
[redacted] (OTD) (FBI) [redacted] (OTD) (FBI) [redacted] (OTD) (FBI)
[redacted] (OTD) (CON) [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
(OTD) (CON); [redacted] (OTD) (CON) [redacted] (OTD) (FBI)
[redacted] (OTD) (FBI) [redacted] (OTD) (CON) [redacted] (OTD) (CON)
(OTD) (FBI) [redacted] (OTD) (FBI) [redacted] (OTD) (CON)
(CON) [redacted] (OTD) (FBI) [redacted] (OTD) (CON) [redacted] (OTD)
(CON) [redacted] (OTD) (FBI) [redacted] (OTD) (CON) [redacted] (OTD)

b6
b7C

Subject:

FW: Immediate action required!

Importance:

High

Follow Up Flag:

Read

Flag Status:

Flagged

UNCLASSIFIED
NON-RECORD

Please see [redacted] e-mail below. Thanks.

[redacted]
OTD/ESTS/TICTU
703 [redacted]

b6
b7C

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Wednesday, October 04, 2006 11:02 AM
To: [redacted] (OTD) (CON)
Subject: Immediate action required!
Importance: High

UNCLASSIFIED
NON-RECORD

[redacted] please forward to the Unit.

All,

In an effort to answer a FOIA request, I am requesting that all TICTU employees and contractors immediately do a word search of their e-mail system (active and archived records) for the term "DCS-3000" and "DCS 3000" and "DCS3000" (variations of the same term). If a document or e-mail is located print it and bring the hard copy to [redacted] for compilation.

I need this accomplished ASAP. If there is a negative response - I need that also.

Thanks

[redacted]

SSA [redacted]

b6
b7C

[redacted] Telecommunications Intercept & Collection Technology Unit

Electronic Surveillance Technology Section

Operational Technology Division

ERF Quantico

703 [redacted] desk

202 [redacted] cell

UNCLASSIFIED

UNCLASSIFIED

b6
b7C

UNCLASSIFIED
NON-RECORD

b6
b7C

b2

b6
b7C

[illegible]

UNCLASSIFIED
NON-RECORD

OTD/ESTS/TICTU
703

From: [REDACTED] (OTD) (FBI)
Sent: Wednesday, October 04, 2006 11:02 AM
To: [REDACTED] (OTD) (CON)
Subject: Immediate action required!
Importance: High

b6
b7C

UNCLASSIFIED
NON-RECORD

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 06-14-2007 BY 65179DMH/KSR/LMF

All,

In an effort to answer a FOIA request, I am requesting that all TICTU employees and contractors immediately do a word search of their e-mail system (active and archived records) for the term "DCS-3000" and "DCS 3000" and "DCS3000" (variations of the same term). If a document or e-mail is located print it and bring the hard copy to [redacted] for compilation.

I need this accomplished ASAP. If there is a negative response - I need that also.

b6
b7C

Thanks

[redacted]

SSA [redacted]

b6
b7C

[redacted] Telecommunications Intercept & Collection Technology Unit
Electronic Surveillance Technology Section
Operational Technology Division
ERF Quantico
703 [redacted] desk
202 [redacted] cell

UNCLASSIFIED

UNCLASSIFIED

UNCLASSIFIED

Freedom of Information and Privacy Acts

FOIPA# 1056287 and FOIPA#1056307-1

Subjects: DCS-3000 and RED HOOK

File Number: DIVISION DOCUMENTS

Section: 23



Federal Bureau of Investigation

~~SECRET~~

[REDACTED] (OTD) (FBI)

From:

Sent:

To:

[REDACTED] (OTD) (CON)

Wednesday, October 04, 2006 12:11 PM

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD)

(FBI)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON);

(AQ)

(CON);

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI)

(OTD) (CON);

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (FBI)

(OTD) (FBI)

[REDACTED] (OTD) (CON)

[REDACTED] (OTD)

(CON);

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (FBI);

[REDACTED] (OTD) (CON)

[REDACTED] (OTD) (FBI);

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (CON);

(OTD) (CON);

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (FBI);

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (CON);

(OTD) (FBI)

[REDACTED] (OTD) (FBI)

[REDACTED] (OTD) (CON);

[REDACTED] (OTD) (FBI);

[REDACTED] (OTD) (CON);

[REDACTED] (OTD)

(CON);

[REDACTED] (OTD) (FBI)

Subject:

FW: Immediate action required!

Importance:

High

Follow Up Flag:

Read

Flag Status:

Flagged

~~UNCLASSIFIED~~
~~NON-RECORD~~

Please see [REDACTED] e-mail below. Thanks.

[REDACTED]
OTD/ESTS/TICTU
703.985.3484

b6
b7C

-----Original Message-----

From:

[REDACTED] (OTD) (FBI)

Sent:

Wednesday, October 04, 2006 11:02 AM

To:

[REDACTED] (OTD) (CON)

Subject:

Immediate action required!

Importance:

High

~~UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED] please forward to the Unit.

All,

In an effort to answer a FOIA request, I am requesting that all TICTU employees and contractors immediately do a word search of their e-mail system (active and archived records) for the term "DCS-3000" and "DCS 3000" and "DCS3000" (variations of the same term). If a document or e-mail is located print it and bring the hard copy to [REDACTED] for compilation.

b6
b7C

I need this accomplished ASAP. If there is a negative response - I need that also.

DATE: 06-12-2007

CLASSIFIED BY 65179DMH/KSR/LMF

REASON: 1.4 (C, D)

DECLASSIFY ON: 06-12-2032

1

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED EXCEPT
WHERE SHOWN OTHERWISE

~~SECRET~~

~~SECRET~~

Thanks



SSA



Chief, Telecommunications Intercept & Collection Technology Unit

Electronic Surveillance Technology Section

Operational Technology Division

ERF Quantico

703 [redacted] desk

202 [redacted] cell

b6

b7C

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Tuesday, August 29, 2006 7:42 AM
To: [redacted] (OTD) (FBI)
Subject: FW: Cellular Issue

SECRET
RECORD 212A-WF-224477

b6
b7C

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Monday, July 24, 2006 11:15 AM
To: [redacted] (OTD) (FBI); [redacted] (CD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (FD) (FBI)
Subject: RE: Cellular Issue

SECRET
RECORD 212A-WF-224477

[redacted]

I realized Friday night that there was an error in the numbers I provided you last week. Specifically, last week's number included target-days from the beginning of the intercept through 20060430. If the intercept started before 20050501 and was active between 20050501 and 20060430 the target-days data will be statistically flawed. So, I have re-run the numbers with a hard-limit on the start and stop dates.

[redacted]

T-50: Targets = [redacted] Target-Days = [redacted] Cost = [redacted]
T-III: Targets = [redacted] Target-Days = [redacted] Cost = [redacted]
Pen: Targets = [redacted] Target-Days = [redacted] Cost = [redacted]

Total Cost for 1 year = [redacted]

[redacted]

Backer: Targets = [redacted] Target-Days = [redacted]
T-50: Targets = [redacted] Target-Days = [redacted]
T-III: Targets = [redacted] Target-Days = [redacted]
Pen: Targets = [redacted] Target-Days = [redacted]

b2
b6
b7C
b7E

I am sorry for the earlier mistake: haste makes waste.

[redacted]

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, July 20, 2006 11:44 AM
To: [redacted] (CD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (FD) (FBI)
Subject: RE: Cellular Issue

SECRET
RECORD 212A-WF-224477

~~SECRET~~

~~SECRET~~

[redacted]
I have numbers for [redacted] that I believe are accurate. I processed all the intercepted call records on our DCS-3000 system for both carriers for the period of May 2005 through April 2006. Here are the results:

[redacted]
T-50: Targets= [redacted] Target-Days= [redacted] Cost= [redacted] *Note these figures do not include Backer targets
T-3: Targets= [redacted] Target-Days= [redacted] Cost= [redacted]
Pen: Targets= [redacted] Target-Days= [redacted] Cost= [redacted]

Total Cost = [redacted] *This cost does not include costs for Backer targets

b2
b6
b7C
b7E

[redacted]
Backer: Targets= [redacted] Target-Days= [redacted]
T-50: Targets= [redacted] Target-Days= [redacted]
T-3: Targets= [redacted] Target-Days= [redacted]
Pen: Targets= [redacted] Target-Days= [redacted]

Total Cost = ?

[redacted]
It is impossible for me to accurately calculate the [redacted] costs using the data from the DCS-3000 system since [redacted] costs are a function of the number of switches provisioned with the target. Since the number of switches vary with each intercept order I cannot accurately calculate the cost.

[redacted]
-----Original Message-----

From: [redacted] (CD) (FBI)
Sent: Wednesday, July 19, 2006 10:50 AM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (FD) (FBI)
Subject: Cellular Issue

SECRET
RECORD 212A-WF-224477

b2
b6
b7C
b7E

Hello Gentlemen -

[redacted] has been dragging their feet in getting back with us regarding the number of lines/targets we have with them. So I met with [redacted] to discuss the contracting issue. Here's what we came up with and would welcome your input.

Since [redacted] has been slow in responding, let's start with [redacted] you indicated that you have a good relationship with them, (and they're starting to charge us) can you get an indication of coverage from them, regarding all of our stuff to include anything with the Bureau name on it (to include joint LE coverage etc) and Backer. Then [redacted] can you pull from TMD what numbers you have with [redacted] so we can compare the two.

What we're looking to do is get a snap shot of actual lines being used that we can verify. Then, what [redacted] will do is add a rider in the contract that will allow for an increased amount/coverage. What she is concerned about in getting into a big excessive contract with the carriers and then not using the service (i.e, paying/contract for 500 lines and only using 300).

They other thing we were looking to do to jump start this is to go through the government sales/marketing people

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, August 17, 2006 9:37 AM
To: [redacted] (OTD) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: Report for TICTU - July 2006

b6
b7C

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]
This task is what [redacted] currently is assigned to. This task is for operations support, including TMD review, DCS3000 manual and CBT review, hardware configuration, and deployment support.

[redacted]
-----Original Message-----
From: [redacted] (OTD) (FBI)
Sent: Thursday, August 17, 2006 8:35 AM
To: [redacted] (OTD) (FBI)
Subject: FW: Report for TICTU - July 2006

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]
Whatd did/does this pay for.

[redacted]
SSA [redacted]
Chief, Telecommunications Intercept & Collection Technology Unit

70 [redacted] desk
20 [redacted] cell

-----Original Message-----
From: [redacted] (OTD)(CON)
Sent: Wednesday, August 16, 2006 11:16 AM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (OTD)(CON); [redacted] (OTD)(CON)
Subject: Report for TICTU - July 2006

b6
b7C

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

The attached report provides information related to the services provided during July 2006.

< [redacted]

b2
b7E

Thanks,

[redacted]
Management Analyst
ERF-E, 3rd Floor, Room# 3A43A
Building 27944A, Quantico, VA. 22135

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD)(CON)
Sent: Tuesday, July 25, 2006 8:41 AM
To: [REDACTED] (OTD) (FBI)
Subject: FW: 2007 Rescission Impact - SBIT

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

FYI...

[REDACTED]
OTD/ESTS/TICTU
(O) 703 [REDACTED]
(F) 703 [REDACTED]

-----Original Message-----

From: [REDACTED] (OTD) (FBI)
Sent: Tuesday, July 25, 2006 8:32 AM
To: [REDACTED] (OTD)(CON)
Subject: 2007 Rescission Impact - SBIT

~~UNCLASSIFIED~~
~~NON-RECORD~~

25% Impact - SBIT

Due to current budget restraints, we are not fully utilizing the Booz Allen and Hamilton contract. Additional cuts would reduce the engineering service contract further.

b6
b7C

The amount of service from the BAE contract (employees) will be reduced.

Purchases of technical equipment to support the operational needs of the field offices will be reduced.

Our research and development effort, which enables us to be on pace with technology in today's world, will slow.

Plans of redundancy for the DCS 3000 system will have to be put on hold.

[REDACTED]
Supervisory Special Agent
Telecommunications Intercept and Collection Technology Unit (TICTU)
Electronic Surveillance Technology Section
Operational Technology Division
Quantico, Virginia
703 [REDACTED]

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (FBI)
Sent: Friday, June 09, 2006 9:42 AM
To: [REDACTED] (OTD) (FBI)
Subject: DCS-3000 Privacy Threshold Analysis

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7c

[REDACTED]
Per our telephone conversation. Please see attached.



Privacy Threshold
Analysis.wpd...

Thanks [REDACTED]
[REDACTED]

Operational Technology Division
Telecommunications Intercept/Collection Technology Unit
AEGIS/OTD SEAC
(703) [REDACTED]

~~SENSITIVE BUT UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] OTD) (FBI)
Sent: Thursday, June 08, 2006 2:49 PM
To: [REDACTED] OTD) (CON)
Subject: RE: PIA

~~UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED]
Thank you for the attached, it seems you are correct, that this does not cover DCS3000.

Thanks again.

[REDACTED]
Operational Technology Division
Telecommunications Intercept/Collection Technology Unit
AEGIS/OTD SEAC
(703) [REDACTED]

b6
b7E

-----Original Message-----

From: [REDACTED] OTD) (CON)
Sent: Thursday, June 08, 2006 1:34 PM
To: [REDACTED] OTD) (FBI)
Subject: PIA

~~UNCLASSIFIED~~
~~NON-RECORD~~

<< File: PIA.pdf >>

[REDACTED]
BAE Systems Information Technology
TICTU Support
Quantico, VA 22556
703 [REDACTED]

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

~~SECRET~~

Subject: FW: Urgent request-DAG short-fused PIA tasking
Importance: High

~~UNCLASSIFIED~~
~~NON-RECORD~~

This is a follow-up to my e-mail below (and to yesterday's e-mail from GC Caproni to ADs.) , which resulted in you folks being identified as the likely ticket holders for this action (due Friday).

This is taken from a list provided me—I apologize for any misspellings. Also, if you're not the right person, please contact me ASAP to dime out who is.

I will try to contact you by phone later today, but please feel free to call me first if you'd like (202-324-[REDACTED]). As detailed below, actions require completion of at least one and maybe more Privacy Impact documents for the following systems for which I understand you are the POC. (I assume the ISSO probably has primary ticket, but this would be for ISSO and owner to work out.)

Chemical Network: ISSO: System Owner:

CJIS WAN: ISSO: [REDACTED] System Owner: [REDACTED]

Data Collection System 3000: ISSO: **/System Owner:**

Financial Management System: ISSC [REDACTED] **System Owner:** AD Perkins

Field Office Integrity Security System ISSO: ?? (DAD Thomas) /System Owner: AD Haynes [REDACTED] I'm sending to you with request you ID ISSO or POC.)

IAFIS ISSO: [redacted] /System Owner: CJIS (Note: Please coordinate with [redacted] who are already involved.)

LEO ISSO: [redacted] System Owner: [redacted] (also I believe [redacted] is involved in PIA).

XTS300 Controlled Interfaces ISSO: [REDACTED] System Owner: [REDACTED] I'm sending to you for help identifying POC since I didn't find any address for [REDACTED]

-----Original Message-----

From: [REDACTED] (OGC) (FBI)
Sent: Friday, June 02, 2006 5:19 PM
To: [REDACTED] (SecD)(FBI); [REDACTED] (SecD)(CON); [REDACTED] (CJIS) (FBI); [REDACTED] (SecD) ;
[REDACTED] (FBI); [REDACTED] (SecD)(FBI); [REDACTED] (SecD) (FBI); [REDACTED] (SecD)(FBI); [REDACTED]
[REDACTED] (ITD) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CJIS)
(FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED]
(ITOD)(FBI); [REDACTED] (LD) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CD) (FBI)
[REDACTED] (ITOD) (FBI); [REDACTED] (LD) (FBI); [REDACTED] (RMD) (FBI); [REDACTED] (ITOD)
(FBI); [REDACTED] (OTD) (FBI); [REDACTED] (CyD) (FBI)
Cc: [REDACTED] (OGC) (FBI); [REDACTED] (OGC) (FBI); [REDACTED] (OGC) (FBI); [REDACTED] (OGC)
(FBI); [REDACTED] (OGC) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (OGC) (FBI); [REDACTED]
(OCIO) (FBI); [REDACTED] (SecD) (FBI); [REDACTED] (OGC) (FBI); [REDACTED] (OGC) (FBI); [REDACTED]
[REDACTED] (CJIS) (FBI); [REDACTED] (CJIS) (FBI); [REDACTED] (CJIS) (FBI)
Subject: Urgent request-DAG short-fused PIA tasking
Importance: High

~~UNCLASSIFIED~~
~~NON-RECORD~~

This request the assistance of the "To" addressees to meet a short-fused, very high-visibility DOJ tasking that the FBI received yesterday. The tasking relates to requirements by DOJ (passing down requirements by OMB) that agencies must on a quarterly basis certify 90% completion (for all FBI systems) of Privacy Impact Assessments (PIAs) required by Section 208 of the E-Government Act (E-Gov). To meet the two deadlines

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, June 08, 2006 10:48 AM
To: [redacted] (OTD) (FBI)
Subject: RE: Documents being sent to Ms. [redacted]

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]
Good job on this...

b6
b7C

[redacted]
Supervisory Special Agent
DCS Program Manager
OTD/ESTS/TICTU
703- [redacted] (w)
202- [redacted] (c)

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Tuesday, June 06, 2006 1:58 PM
To: [redacted] (OTD) (CON)
Cc: [redacted] (OTD) (FBI)
Subject: Documents being sent to Ms. [redacted]

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]
Hope all went well at your meeting and the Dr. Appt....

I spoke with Mr. [redacted] and advised him that we are working on this project and most of the requested documentation will be sent to Ms. [redacted] by COB today. Mr. [redacted] thanked us for doing a good job for such a short deadline.

(Please put a note on the email to Ms. [redacted] advising that attached is what we have found to date and we are still working on this issue).

(Please have on the CC Mr. [redacted] Mr. [redacted] Mr. [redacted] Ms. [redacted] and me...thanks)

b6
b7C

Further, I advised Mr. [redacted] of the other issue regarding the Privacy Impact Assessments (PIA) and DCS-3000, and that the deadline for this task is June 9th.

If there is anything I can do to help you, please let me know.

[redacted]
FYI

Thanks,
[redacted]

[redacted]
Operational Technology Division
Telecommunications Intercept/Collection Technology Unit
AEGIS/OTD SEAC
(703- [redacted])

~~SECRET~~

~~SECRET~~

[redacted] OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, June 08, 2006 10:44 AM
To: [redacted] OTD) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: FW: Urgent request-DAG short-fused PIA tasking

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7c

FYI...thanks for handling for 3000...

[redacted]
Supervisory Special Agent
DCS Program Manager
OTD/ESTS/TICTU
703 [redacted] (w)
202 [redacted] (c)

-----Original Message-----

From: [redacted] OTD) (FBI)
Sent: Wednesday, June 07, 2006 9:56 AM
To: [redacted] OTD) (FBI); DICLEMENTE, ANTHONY P. (OTD) (FBI); CLIFFORD, MICHAEL (OTD) (FBI); [redacted]
(OTD) (OGA) [redacted] (SecD)(CON) [redacted] OTD) (FBI); [redacted] OTD) (FBI)
(OTD) (FBI) [redacted] (OTD) (FBI); [redacted] (OTD) (FBI) [redacted] (OTD) (FBI)
Cc: [redacted] (OTD) (FBI)
Subject: RE: Urgent request-DAG short-fused PIA tasking

~~UNCLASSIFIED~~
~~NON-RECORD~~

All,

Upon completion of your PIA and it's approval by you SC, please forward me an electronic copy no later than 10:00 AM Friday, 6/9/06. I will then forward OTD's submission to OGC by COB Friday, 6/9/06 in order to meet the OGC's deadline of "NLT" Friday, 6/9/06." Please ensure that the descriptions of your system are written in such a way as to ensure that a reader with no knowledge of what your unit and/or what OTD does can clearly understands, based solely on your description, what your system's purpose is and/or what it does.

b6
b7c

In addition, our next deadline is Wednesday, 6/21 regarding the PIA short form for your system. Upon completion of your PIA and it's approval by your SC, please forward me an electronic copy no later than COB Tuesday, 6/20. I will forward OTD's submission to OGC by COB, Wednesday, 6/21 in order to meet OGC's deadline of "NLT Wednesday, 6/21.

Thanks for your assistance regarding these short deadline matters.

[redacted]
SSA [redacted]
[redacted]
Technical Programs Section
Operational Technology Division
(703) [redacted]
[redacted]

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Monday, June 05, 2006 4:52 PM

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (FBI)
Sent: Tuesday, June 06, 2006 1:58 PM
To: [REDACTED] (OTD) (CON)
Cc: [REDACTED] (OTD) (FBI)
Subject: Documents being sent to Ms. [REDACTED]

b6
b7C

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED]
Hope all went well at your meeting and the Dr. Appt....

I spoke with Mr. Clifford and advised him that we are working on this project and most of the requested documentation will be sent to Ms. [REDACTED] by COB today. Mr. Clifford thanked us for doing a good job for such a short deadline.

(Please put a note on the email to Ms. [REDACTED] advising that attached is what we have found to date and we are still working on this issue).

b6
b7C

(Please have on the CC Mr. Clifford, Mr. [REDACTED] Mr. [REDACTED] Ms. [REDACTED] and me...thanks)

Further, I advised Mr. Clifford of the other issue regarding the Privacy Impact Assessments (PIA) and DCS-3000, and that the deadline for this task is June 9th.

If there is anything I can do to help you, please let me know.

[REDACTED]
FYI

Thanks,

[REDACTED]
[REDACTED]
Operational Technology Division
Telecommunications Intercept/Collection Technology Unit
AEGIS/OTD SEAC
(703) [REDACTED]

~~SENSITIVE BUT UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

Sent: Thursday, May 11, 2006 9:33 AM
To: [redacted] (OCIO) (FBI)
Cc: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: FW: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]

TICTU would like to purchase 30 Enterprise licenses and need to transfer \$73,500 into your account.

Should we transfer the funds into the same account as last time? (5-2520 and the Cost Center is 20 - no BI)

b6
b7C

Thanks,

[redacted]

OTD/ESTS/TICTU
(O) 703-985-3488
(F) 703-985-2765

-----Original Message-----

From: [redacted] (OTD)(FBI)
Sent: Thursday, May 11, 2006 9:24 AM
To: [redacted] (OTD)(CON)
Subject: RE: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]

Yes, [redacted] is the person to work the transfer through. When all is said and done, please let me know and we'll allocate the licenses to you.

[redacted]

-----Original Message-----

From: [redacted] (OTD)(CON)
Sent: Thursday, May 11, 2006 8:52 AM
To: [redacted] (OTD)(FBI)
Cc: [redacted] (OTD) (FBI); [redacted] (OCIO) (FBI); [redacted] (OTD) (FBI)
Subject: RE: win 2003 server image
Importance: High

b6
b7C

~~UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]

We are looking to purchase 30 of the Enterprise licenses bringing our transfer to \$73,500. We will not be able to wait until after June 15th to purchase them, unfortunately. Do I need to touch base with [redacted] to get the information to transfer the funds?

This is for DCS3000, which is on the major projects list.

~~SECRET~~

~~SECRET~~

Thanks,

[REDACTED]
OTD/ESTS/TICTU

(O) 703 [REDACTED]

(F) 703 [REDACTED]

-----Original Message-----

From: [REDACTED] (ITOD)(FBI)
Sent: Thursday, May 11, 2006 9:24 AM
To: [REDACTED] (OTD)(CON)
Subject: RE: win 2003 server image

b6
b7C

~~UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED]
Yes, [REDACTED] is the person to work the transfer through. When all is said and done, please let me know and we'll allocate the licenses to you.

[REDACTED]
-----Original Message-----

From: [REDACTED] (OTD)(CON)
Sent: Thursday, May 11, 2006 8:52 AM
To: [REDACTED] (ITOD)(FBI)
Cc: [REDACTED] (OTD) (FBI); [REDACTED] (OCIO) (FBI); [REDACTED] (OTD) (FBI)
Subject: RE: win 2003 server image
Importance: High

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[REDACTED]
We are looking to purchase 30 of the Enterprise licenses bringing our transfer to \$73,500. We will not be able to wait until after June 15th to purchase them, unfortunately. Do I need to touch base with Catherine Cruz to get the information to transfer the funds?

This is for DCS3000, which is on the major projects list.

Thanks,

[REDACTED]
OTD/ESTS/TICTU

(O) 703 [REDACTED]

(F) 703 [REDACTED]

-----Original Message-----

From: [REDACTED] (ITOD)(FBI)
Sent: Thursday, May 11, 2006 6:18 AM
To: [REDACTED] (OTD)(CON); [REDACTED] (OTD) (FBI)
Subject: RE: win 2003 server image

~~SECRET~~

~~SECRET~~

to wait until after June 15th to purchase them, unfortunately. Do I need to touch base with Catherine Cruz to get the information to transfer the funds?

This is for DCS3000, which is on the major projects list.

Thanks,

[redacted]
OTD/ESTS/TICTU
(O) 703 [redacted]
(F) 703 [redacted]

b6
b7C

-----Original Message-----

From: [redacted] (ITOD)(FBI)
Sent: Thursday, May 11, 2006 6:18 AM
To: [redacted] (OTD)(CON); [redacted] (OTD) (FBI)
Subject: RE: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

Are you looking for Windows Server standard or enterprise - and are those the only Microsoft products that you require? To save you some steps - Windows Server Standard is \$754.14 per license. Enterprise is \$2449.98 per license. Note that these costs decrease by around 15% or so after June 15 (so if you are deploying after June 15th, you would probably want to be paying in our next anniversary cycle of the ELA).

Also, as a side note, is this project on the FBI's list of major projects, which is required by the CIO and FBI executive management?

-----Original Message-----

From: [redacted] (OTD)(CON)
Sent: Wednesday, May 10, 2006 3:27 PM
To: [redacted] (OTD) (FBI); [redacted] (ITOD)(FBI)
Subject: RE: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

I need this info ASAP so I can get the money in motion to transfer...

b6
b7C

[redacted]
OTD/ESTS/TICTU
(O) 703 [redacted]
(F) 703 [redacted]

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Wednesday, May 10, 2006 8:21 AM
To: [redacted] (ITOD)(FBI)
Cc: [redacted] (OTD)(CON)
Subject: FW: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD)(CON)
Sent: Thursday, May 11, 2006 8:52 AM
To: [redacted] (ITOD)(FBI)
Cc: [redacted] (OTD) (FBI); [redacted] (OCIO) (FBI); [redacted] (OTD) (FBI)
Subject: RE: win 2003 server image
Importance: High

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

We are looking to purchase 30 of the Enterprise licenses bringing our transfer to \$73,500. We will not be able to wait until after June 15th to purchase them, unfortunately. Do I need to touch base with Catherine Cruz to get the information to transfer the funds?

This is for DCS3000, which is on the major projects list.

Thanks,

[redacted]
OTD/ESTS/TICTU
(O) 703 [redacted]
(F) 703 [redacted]

-----Original Message-----

From: [redacted] (ITOD)(FBI)
Sent: Thursday, May 11, 2006 6:18 AM
To: [redacted] (OTD)(CON); [redacted] (OTD) (FBI)
Subject: RE: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

Are you looking for Windows Server standard or enterprise - and are those the only Microsoft products that you require? To save you some steps - Windows Server Standard is \$754.14 per license. Enterprise is \$2449.98 per license. Note that these costs decrease by around 15% or so after June 15 (so if you are deploying after June 15th, you would probably want to be paying in our next anniversary cycle of the ELA).

Also, as a side note, is this project on the FBI's list of major projects, which is required by the CIO and FBI executive management?

-----Original Message-----

From: [redacted] (OTD)(CON)
Sent: Wednesday, May 10, 2006 3:27 PM
To: [redacted] (OTD) (FBI); [redacted] (ITOD)(FBI)
Subject: RE: win 2003 server image

~~UNCLASSIFIED~~
~~NON-RECORD~~

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (CON)
Sent: Tuesday, April 11, 2006 9:42 AM
To: [REDACTED] (OTD) (FBI)
Cc: [REDACTED] (OTD) (FBI)
Subject: Activity Report

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7c

[REDACTED] - I have to track the dollars allocated and spent using DCS-5000 funds in an Activity Report. SBIT was given \$600,000 for DCS-3000 support. Can you provide the following information that I need for the report?

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
------------	------------	------------	------------	------------	------------	------------	------------	------------

I will also need to know the amounts invoiced each month. Call me if you have questions.

Thanks [REDACTED]

~~UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (CON)
Sent: Monday, February 13, 2006 9:12 AM
To: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI)
Subject: Can We Meet on Tuesday at 1:00?

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[REDACTED]
Would you be available at 1:00 tomorrow (Tuesday) to meet with [REDACTED] and me to review the DCS-3000 C&A Requirements study that we have begun? I characterize this as a kick-off meeting to go over the C&A requirements, our approach to the task, the schedule, and the deliverable product you will receive. I know of no issues, but think it would be good for us to go over the task and ensure we agree. Thanks!
BGF

[REDACTED]
Program Management Office
ELSUR Technology Management Unit
Electronic Surveillance Technology Section, OTD
Phone: 703 [REDACTED]
Fax: 703 [REDACTED]

~~UNCLASSIFIED~~

~~SECRET~~

Estimated # of Items: 75

SOFTWARE INFORMATION:

Category:

Manufacturer:

CORPORAT

Version No:

Patch?:

NO

Security Patch?:

false

Manufacturer:

of Lic. Purchased:

VENDOR INFORMATION:

Name:

AMAX ENGINEERING CORPORAT

Contact Person:

Phone #:

Web Address:

HARDWARE INFORMATION:

Category:

Workstation

Manufacturer:

AMAX ENGINEERING

Hardware Model:

SB86I

of Hardware Purchased:

Reported to DOJ?: false

INSTALLATION LOCATION:

Version/Model No.:

Manufacturer:

Operating System:

WINDOWS 2000

b6

b7C

----- Testing -----

Primary Developer:

Date Assigned:

Acknowledged Date:

Acknowledged By:

Completed Date:

Completed By:

Testing and Comments:

n/a

Phone:

Ext:

Pass/Fail:

----- APPROVAL INFO. -----

APPROVED GROUP:

SO REVIEW

APPROVED BY:

APPROVED DATE:

01/17/06 13:40:28

ACTION:

Approved

PENDING APPROVAL:

Approval Comments:

b6

b7C

-----Description-----

Justification/Comments:

01/17/06 13:40:27 by [REDACTED] (Approved)

(01/17/06 10:51:08 [REDACTED])

Support of DCS3000

(01/17/06 10:43:54 [REDACTED])

Cube PC

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

Contact Person:
Phone #:
Web Address:

Version/Model No.:
Manufacturer:
Operating System: WINDOWS 2000

----- Testing -----

Primary Developer:
Date Assigned:
Acknowledged Date:
Acknowledged By:
Completed Date:
Completed By:
Testing and Comments:
n/a

Phone:
Ext:
Pass/Fail:

----- APPROVAL INFO. -----

APPROVED GROUP:
SO REVIEW

APPROVED BY:

APPROVED DATE:
01/17/06 13:40:28

ACTION:
Approved

b6
b7C

PENDING APPROVAL:
Approval Comments:

-----Description-----

Justification/Comments:

01/17/06 13:40:27 by (Approved)

(01/17/06 10:51:08
Support of DCS3000

(01/17/06 10:43:54
Cube PC

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Friday, September 16, 2005 10:46 AM
To: [redacted] (OTD) (FBI)
Cc: [redacted] (OTD) (FBI)

b6
b7C

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[redacted]

As you know, the DCS-3000 system is used by all 56 field offices for collection of all CALEA-based pen-register/trap-trace intercepts for both criminal and national security investigations. At the end of CY2004, SBIT added a feature to the DCS-3000 system that allows us to collect specific performance metrics from each field office's DCS-3000 system. These metrics include the number of current intercepts, the intercept types (i.e. Title-50), and the telecom providers. We periodically query each DCS-3000 system for this information and populate a metrics database to help us generate statistics and forecasts. Here are the numbers for 2005:

b2
b7E

Total Intercept Targets (1/1/2005 - 9/15/2005): [redacted]

Estimated Intercept Targets (1/1/2005 - 12/31/2005): [redacted]

SBIT's annual operating budget (excluding FBI employee salaries) is \$3,400,000. Based on our projection for CY2005, the total cost per DCS-3000 based intercept (cpi) [redacted] The following budget breakdown provides additional information:

DCS-3000 Software Development (support and feature development for new telecom technologies): \$1,200,000 (cpi = \$226.42)
Training and Carrier Liaison: \$900,000 (cpi = \$169.81)
Technical Field Support: \$200,000 (cpi = \$37.74)
DCSNet: \$600,000 (cpi = \$113.21)
Capital Equipment: \$500,000 (cpi = \$94.34)

This budget analysis shows the direct annual cost of the DCS-3000 system (software and capital hardware) is \$1,700,000. For CY2005, the cost per intercept (cost per line) for the DCS-3000 system is estimated to be [redacted]

The goal of SBIT is to meet and exceed the expectations of our field office customers. To date, I think we have accomplished this goal with remarkable efficiency [redacted] per line is two orders of magnitude less than any commercial system). The members of SBIT are proud of our accomplishments and reputation, and we hope to continue to do good work on behalf of TICTU.

b6
b7C

[redacted]

~~UNCLASSIFIED~~

F2278975 3LKFZ71
F2278966 6LKFZ71
F2279055 CBGHZ71
F2278965 7LKFZ71
F2278964 BLKFZ71
F2278962 5LKFZ71

4. State whether computer system(s) is a server, desktop or notebook

All of these systems are servers

5. State the enclave, Program and/or network that the system is connected to [such as FBINET, SBUNET (formerly Internet Cafe), SCION, Standalone, etc.), along with the system classification

DCS-3000 Unclassified

6. Provide a justification that identifies the business requirements for the software

DCS-3000 is a pen/trap/trace collection system for criminal and FISA CALEA intercepts. These systems are needed to upgrade or expand various systems in the field.

7. Provide the name of the approving official, title (at FBIHQ, must be Unit Chief or higher; for Field Offices, must be the SITS or Lead ITS), and the Unit/Section/Division.

[REDACTED] UC, TICTU/ESTS/OTD

Please let me know if you need any additional info.

Thanks!

[REDACTED]

-----Original Message-----

From: [REDACTED] OIPP)(CON)
Sent: Tuesday, August 16, 2005 11:53 AM
To: [REDACTED] (OTD) (FBI)
Subject: RE: Microsoft Licenses

b6
b7C

~~UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED]

I asked [REDACTED] about this. She says you do not need to go through the TCCB for this request. You may have to get in touch with [REDACTED] again. In the meantime, I will talk with the CM librarian to see whether we have the licenses.

b6
b7C

[REDACTED]
Configuration Management Specialist
CM/PPMU
Room 10373
Ext. [REDACTED]

-----Original Message-----

From: [REDACTED] (OTD) (FBI)
Sent: Tuesday, August 16, 2005 11:01 AM
To: [REDACTED] (OIPP)(CON)
Cc: [REDACTED] (OTD) (FBI)
Subject: FW: Microsoft Licenses

UNCLASSIFIED
NON-RECORD

Hey [REDACTED]

b6
b7C

TICTU has purchased 20 Dell servers from the approved baseline hardware list. Now we need the operating system licenses for these servers. I have attached the email from [REDACTED] where he explains that we need to go to the TCCB. These servers will part of the standalone DCS-3000 collection system which is not connected to FBINET.

Please let me know what our next step should be.

Thanks for your help!

[REDACTED]

-----Original Message-----

From: [REDACTED] (ITSD)(FBI)
Sent: Monday, August 15, 2005 6:29 AM
To: [REDACTED] (OTD) (FBI)
Subject: RE: Microsoft Licenses

UNCLASSIFIED
NON-RECORD

[REDACTED]

b6
b7C

I'll try to simplify your life here... Contact [REDACTED] at 202-324-[REDACTED] advise her that you are looking to build and implement 20 Dell servers to the field. She should be able to submit the request for you. Be sure to include all aspects of what you are looking to do (all of the specifics of what the servers are for, what software you plan to install on them, etc.). She should be able to put it on the TCCB's agenda. After approval of your request, I can allocate the Windows Server OS licenses that you require.

For the Windows OS licenses, I'll need the following information (the approval of your change request and the assigning of the licenses are two separate items):

In addition to stating the product(s)/version(s) that you need, please provide:

1. Names of person(s) that will utilize these licenses (if known - if systems will be used randomly by various personnel, then just state as such).
2. State whether licenses are for FBI Employee or Contractor use (breakdown the quantities if necessary).
3. List the Property Number of each computer system that license will be used on.
4. State whether computer system(s) is a server, desktop or notebook

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, July 07, 2005 5:24 PM
To: [redacted] (OTD) (FBI)
Subject: RE: Write up

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[redacted]
This is fine. Just a couple of extra items. Let's start this way!

There is a Contract Review Board scheduled for July 14, 2005 at 2:30 pm. Unit Chief [redacted] and [redacted] will represent TICTU. [redacted] Engineering Contracts Unit will be seeking contract approval. The contract is with Booz Allen Hamilton for the amount of \$2,100,000.

The DCS-3000 is _____.

Any questions regarding the Contract Review Board please contact UC [redacted] at ext. [redacted] or me at ext. [redacted]

See me before you send this up.

[redacted]
-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Thursday, July 07, 2005 1:43 PM
To: [redacted] (OTD) (FBI)
Subject: Write up

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[redacted]
The following is the write up I am going to send to AD Haynes and Section Chief Clifford, per you approval.

Thanks

[redacted]
Information regarding the Booz Allen and Hamilton (BAH) proposed

~~SECRET~~

~~SECRET~~

Contract, due to go to the Contract Review Board on July 14, 2005.

History:

- DCS-3000 software suite, which has in excess of 490,000 lines of computer code, maintained by BAH.
- BAH has been active in the development of this CALEA software interface for more than seven years.

Asking for:

• Logistical support in training and liaison. The need for personnel to tactically implement court-authorized ELSUR and react in exigent circumstances to threats of life is a necessity that requires a significant amount of training and liaison. This requires industry leaders with unique abilities and backgrounds.

• Support with continue software development pertaining to the FBI's ELSUR capabilities. The continuing emergence of new telecommunications technologies requires a unique ability to design and implement solutions at accelerated rates. The lack of a quick reaction capability to adapt ELSUR techniques within the FBI may result in significant vulnerability and exploitation opportunities to enemies of the United States.

Budget Matters (FYI):

- Requisition submitted for \$2,100,000.00. Due to lack of time on the existing contract, an interim purchase order (PO) was put into place. The money used for the interim was taken from the original requisition.

[REDACTED]
TICTU
(703 [REDACTED])

b6
b7C

~~UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (ITD) (CON)
Sent: Monday, April 11, 2005 10:27 AM
To: [redacted] (ITD) (FBI)
Cc: [redacted] (ITD) (FBI)
Subject: Retention Badge for [redacted]

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

[redacted] here is a request for a retention badge for [redacted] and if it meets your approval, you can forward it to [redacted] and [redacted]

[redacted]
It is requested that [redacted] Booz Allen contractor, receive a retention badge. [redacted] who currently has a Top Secret clearance, is assigned to an on-going DCS-3000 project for TICTU/SBIT.

If you have any questions, please contact Unit Chief [redacted] at 703 [redacted]

Thank you.

~~UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[redacted]

The answer to the question "are we capturing the IMEI ..." is yes ... but After our discussion a few weeks ago, we modified the [redacted] mediation system at Quantico to generate [redacted] messages (the systems in the FBI field offices only consume [redacted] messages so we have to translate from the proprietary [redacted] format to the standard format) using both the MSISDN (phone number) and IMEI as the "caseid" (the caseid is a tag used in each [redacted] message to identify the target). We made this modification assuming the IMEIs would be known by you and that you could provision your equipment to collect against the known IMEI and/or MSISDN. The system at Quantico buffers the data based on caseid so any calls from unknown IMEIs are automatically buffered here until requested by the field. So when I received your email I checked the buffer, and there is buffered data for one unknown IMEI [redacted] You can retrieve this data by entering this IMEI into the DCS-3000 [redacted] I can assist with this task).

b2
b7E

b6
b7C

To better accommodate your investigation we will modify (hopefully by COB today) the DCS-3000 system software for your office to capture and display the IMEI and IMSI in the relevant [redacted] messages (Origination and Termination Attempts). Unfortunately, TA does not support database fields for IMEI and IMSI. So, future uploads/downloads from TA will not give you the information. You or [redacted] will have use the DCS-3000 to mine the IMEI data - I can give you a simple text-based script to mine and report this information.

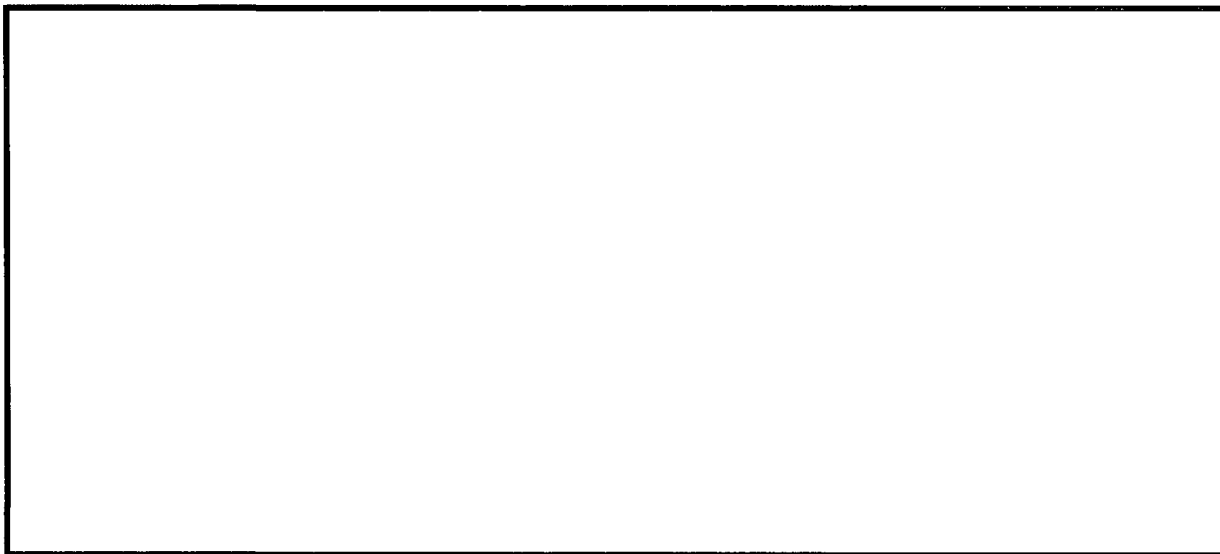
The good news is we have the data for the unknown IMEI ready for you to collect, and we will give you a better method to determine unknown IMEIs going forward.

[redacted]

-----Original Message-----

From: [redacted] (MM) (FBI)
Sent: Thursday, January 05, 2006 5:50 PM
To: [redacted] (OTD) (FBI)
Cc: [redacted] (MM) (FBI) [redacted] (OTD)(CON)
Subject: Question re: Iridium Pen Registers.

SENSITIVE BUT UNCLASSIFIED
RECORD 315J-MM-105011



SENSITIVE BUT UNCLASSIFIED

OTHER OUT OF SCOPE

SENSITIVE BUT UNCLASSIFIED

~~SECRET~~

~~SECRET~~

~~SENSITIVE BUT UNCLASSIFIED~~

From: [REDACTED] (OTD) (FBI)
Sent: Wednesday, March 08, 2006 11:27 AM
To: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI);
[REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI);
(FBI); [REDACTED] (OTD) (FBI)
Subject: FW: Privileged User Role-Based Training

b6
b7C

Program Manager - Enterprise Operations Services
 Elsur Technology Management Unit (ETMU)
 Electronic Surveillance Technology Section (ESTS)
 Operational Technology Division (OTD)
 ERF, Quantico, VA
 Tel: [REDACTED]
 Fax: [REDACTED]
 Paa: [REDACTED]

From: [REDACTED] (OTD) (CON)
Sent: Tuesday, March 07, 2006 5:20 PM
To: [REDACTED] (OTD) (FBI)
Cc: [REDACTED] (ITD) (CON)
Subject: RE: Privileged User Role-Based Training

b2
b6
b7C
b7E

Even with the extension of time to complete the training associated with being a privileged user, we should probably identify which systems need to have the privileged user Rules of Behavior (ROB) created for. As I see it there are primarily three systems that are supported by the DCSP that each should have a ROB form. They are the [REDACTED] System (DCS5000) the Voice Box System (DCS6000) and the DCS3000. My understanding is that each of these will be accredited at an enterprise level such that the system in Albany and the system in Portland both fall under a single ROB. But the three separate type of system each require their own ROB. So each system administrator will fill out three ROB's.

The form on the Security page [REDACTED] only has a generic Rules of Behavior form that requires system name entry. To avoid confusion, I would recommend that TICTU identify how they want the system names to appear on the ROB. I believe that since each system is accredited separately that a unified "ELSUR Systems" ROB would not be in order.

DCSP Field Operations Manager
ELSUR Technology Management Unit
Electronic Surveillance Technology Section, OTD

~~SECRET~~

[Redacted] (Desk)
[Redacted] (Fax)
[Redacted] (Cell)

UNCLASSIFIED

b6
b7C

UNCLASSIFIED

[Redacted] (OTD) (FBI)

From: [Redacted] (HN) (FBI)
Sent: Monday, August 14, 2006 4:48 PM
To: [Redacted] (HN) (FBI); [Redacted] (HN) (FBI); [Redacted] (HN) (FBI);
[Redacted] (HN) (FBI); [Redacted] (HN) (CON); [Redacted] (HN) (CON);
[Redacted] (HN) (FBI); [Redacted] (HN) (FBI); [Redacted] (HN) (FBI);
[Redacted] (HN) (FBI)
Cc: [Redacted] (HN) (FBI); [Redacted] (HN) (FBI); [Redacted] (HN) (FBI); [Redacted] (HN) (FBI);
[Redacted] (FBI); [Redacted] (HN) (FBI); [Redacted] (HN) (FBI); [Redacted] (OTD) (CON); [Redacted] (OTD) (FBI);
[Redacted] (OTD) (FBI); [Redacted] (OTD) (FBI); [Redacted] (OTD) (FBI); [Redacted] (OTD) (FBI);
[Redacted] (FBI); [Redacted] (PX) (CON); [Redacted] (OTD) (FBI); [Redacted] (OTD) (FBI);
[Redacted] (OTD) (FBI); [Redacted] (LA) (CON); [Redacted] (HN) (FBI)
Subject: Power Outage Friday 8/18/2006

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

To All,

I have been notified by [Redacted] that GSA will be shutting down all electrical service to the Federal Building on 8/18/2006 from 6:00 p.m. to 2:30 am.

Therefore to bring down all of the computers in the CMP gracefully, we (tech guys) will be shutting down the [Redacted] Voice Box [Redacted] DCS 3000 and any other system that I forgot about on Friday 8/18/2006 at 4:30 pm. You will need to turn off your computers and shut them down (turn off the electrical system) at that time. This includes all of the printers and anything else connected to an electrical plug to include the UPS systems. If you don't know how to do it, please let one of us (myself, [Redacted]) know prior to Friday. b2
b6
b7C
b7E

All of our collections will cease as of that time until we get back in on Saturday 8/19/06 to turn on all of the systems.

[Redacted] Please turn off your [Redacted] computer & printer prior to COB on Friday 8/18/06.

[Redacted] FYI for CSOC.

SA [Redacted]
Tech Advisor
FBI - Honolulu
[Redacted] (O)
[Redacted] (C)

SENSITIVE BUT UNCLASSIFIED

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (HN) (FBI)
Sent: Friday, June 23, 2006 1:29 PM
To: [redacted] (OTD) (FBI)
Subject: RE: FISA-Guam

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

OK Will be in contact with Guam Telephone.

b6
b7C

SA [redacted]
Tech Advisor
FBI - Honolulu
[redacted] (O)
[redacted] (C)

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Friday, June 23, 2006 3:50 AM
To: [redacted] (HN) (FBI)
Cc: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: RE: FISA-Guam

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

[redacted]
We're sending you a new rack-mount computer for the GR30 solution. No special needs for the data circuit (it's a 1200 baud data connection) other than analog POTS line. We recommend one CDC POTS line per 5 targets. You can push this up to 10 targets per CDC line if necessary, but you may get unacceptable latency on the CDC delivery above 5. One will need 1 POTS line per target for the CCC delivery. Of course, this planned solution will only work if [redacted] gets the GR30 solution implemented on their switches, which is still in question.

b2
b7E

-----Original Message-----

From: [redacted] (HN) (FBI)
Sent: Thursday, June 22, 2006 10:48 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: FISA-Guam

b6
b7C

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

[redacted]
Looking at getting the GR-30 solution for the pen's from [redacted] and then a ring down circuit for the audio. What do we need for our DCS 3000?

We want to do a test with the [redacted] elco. How do we go about doing it? Does the ring down circuit for the data need to be groomed to a specific specification?

SA [redacted]

~~SECRET~~

Tech Advisor
FBI - Honolulu

[redacted] (O)
[redacted] (C)

~~SECRET~~

SENSITIVE BUT UNCLASSIFIED

~~SENSITIVE BUT UNCLASSIFIED~~

~~SENSITIVE BUT UNCLASSIFIED~~

[redacted] (OTD) (FBI)

From: [redacted] (N) (FBI)
Sent: Thursday, June 22, 2006 10:48 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: FISA-Guam

b6
b7C

~~SENSITIVE BUT UNCLASSIFIED~~
NON-RECORD

[redacted]

Looking at getting the GR-30 solution for the pen's from [redacted] and then a ring down circuit for the audio. What do we need for our DCS 3000?

b2
b7E

We want to do a test with the [redacted] Telco. How do we go about doing it? Does the ring down circuit for the data need to be groomed to a specific specification?

SA [redacted]
Tech Advisor
FBI - Honolulu
[redacted] (O)
[redacted] (C)

SENSITIVE BUT UNCLASSIFIED

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (HN) (FBI)
Sent: Wednesday, October 06, 2004 3:24 PM
To: [redacted] (ITD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (ITD) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (ITD) (FBI); [redacted] (HN) (FBI); [redacted] (ITD) (FBI)
Subject: [redacted] intercepts on Voice Box III

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

[redacted]

Aloha !! Am getting slammed on the [redacted] coverages on Voice Box (VB). Problem is that the [redacted] coverages goes down in the middle of the wire for some unknown reason. The VB cannot handle the intercept and the interconnect coverage ceases on certain lines. What we have done is to switch boxes out, going from the Adtran-BRI card to the [redacted] box and restarting the [redacted] server. When we do this, it seems to be stable for a period of time then the interconnect coverages goes down. This is a random situation, but occurs during a peak time during the [redacted]

b2
b6
b7C
b7E

The drug squad is contemplating [redacted] of which a number will probably be [redacted] phones. We currently have [redacted] up and am having problems randomly on the interconnect (not an every day situation, but enough problems to cause a headache).

Need your help, to explain to the drug squad/supervisor & ASAC what the problems are on the [redacted] All we do in the field is either restart the [redacted] server or switch the receiver from the BRI card to the [redacted] and back and forth. We (both [redacted] and I) cannot provide an adequate explanation as to why these [redacted] coverages fail during the middle of the [redacted]

FYI, I received an e-mail from [redacted] on 8/9/04 which answered our problem during a period prior to the ongoing situation which follows:

[redacted]

I understand your office recently experienced some technical difficulty with one of your [redacted] Title IIIs. [redacted] informed me late Wednesday evening that [redacted] support group suggested the lack of intercept audio problem may be due to a known bug in their new provisioning system. Over the last few months [redacted] has been transitioning from their [redacted] percent [redacted] which is no longer supported by [redacted]

[redacted] support technicians have experienced a specific problem during this transition: pen-register failure after a Title-III expires but the pen-register order is still active. This problem is attributed to [redacted] working with [redacted] to resolve this problem.

b2
b6
b7C
b7E

However, this was not the symptom that your office recently experienced. Unfortunately, the support person on call late Wednesday evening did not fully understand the [redacted] I got my information from their senior technician.

In an attempt to resolve the problem, the on call technician removed the intercept from the [redacted] and re-entered it at sometime around 10 pm EDT. Your DCS-3000 indicates audio intercept was re-established at 18:30 Hawaii time that evening. So, it appears the act of re-provisioning the intercept resolved the problem [redacted] senior technician is not convinced it was an [redacted] and I am not sure either.

Pen-register problems are much easier to troubleshoot than audio problems because the pen-register data is delivered using TCP/IP, for which we have many troubleshooting tools that we can remotely execute from Quantico and [redacted] can remotely execute from their offices in Virginia.

The CALEA solution that [redacted] uses, like all other wireless service providers, intercepts a target's audio in the switch and sets up a three-way conference bridge between the target, associate, and the law enforcement collection equipment. There are multiple potential points of failure in this delivery scheme: 1) the law enforcement collection equipment

~~SECRET~~

~~SECRET~~

(telephone line, telephone interface equipment, or collection system) may be unavailable to receive calls from the switch, 2) the switch may not have a conference bridge resource available to setup the call to law enforcement (the conference bridge resources are shared among all law enforcement agencies and among all normal subscribers on the system), 3) the switch may not have an available external line to dial out to the law enforcement agency (the external trunks/lines used to delivery normal calls from the switch to the PSTN are the same trunks used to deliver intercept audio to law enforcement), and 4) the call intercept software on the switch may fail. This audio delivery method is used by all wireless providers and most have experienced some form of intercept audio failure. The alternative to the dial out solution is for the law enforcement agency to establish a point-to-point T1 connection to the switch. This solution has the highest delivery reliability because it uses a dedicated connection between the switch and law enforcement collection equipment. However, it is too expensive for most cases and is impractical to implement with a carrier that has many switches (e.g. [redacted] as approximately 100 switches nationwide).

Troubleshooting audio intercept problems associated with wireless providers can sometimes be difficult. The reason is there are few troubleshooting tools available, and neither law enforcement nor the service provider has full access to both ends of the delivery system for troubleshooting. Both the law enforcement agency and service provider must attempt to troubleshoot the problem in concert. This often takes time to accomplish.

For your most recent case, it is impossible to identify the exact point of failure in the delivery system since we did not have adequate time to test each point in the system before it started working again. We have a test phone and collection system similar to your office's system at ERF. We tested several scenarios yesterday and were unable to reproduce your problem. I also analyzed all your [redacted] pen-register information collected on the DCS-3000 on 8/4/2004. This data suggest that your other [redacted] Title-III was working fine during the period of failure for the [redacted] number. This almost certainly eliminates the possibility that the problem was due to a conference bridge or external line resource limitation. [redacted] told me that you tested your collection system by calling into the ISDN delivery line and everything check out. So, the only plausible explanations for the failure are: 1) [redacted] system failed for the specific target, or 2) the [redacted] failed. That's my best guess.

b2
b6
b7C
b7E

If you have any questions, please call me at 703 [redacted]

[redacted]
I was wondering if this situation still applies? Can you provide me with some answers?

Thanks.

[redacted]
~~SENSITIVE BUT UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[Redacted]

(OTD) (FBI)

From: [Redacted] (ITD) (FBI)
Sent: Wednesday, December 22, 2004 2:35 PM
To: [Redacted] (ITD) (FBI)
Cc: [Redacted] (ITD) (FBI)
Subject: Txt Msg

~~UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

Hi [Redacted]

The RW isn't capable of handling TXT messaging to date, however, the DCS-3000 can support this. I spoke to [Redacted] about your need. If you don't hear from him soon, feel free to give him a call. Please let me know if you have any further questions. Thanks.

Happy Holidays,
[Redacted]

~~UNCLASSIFIED~~

[Redacted]

(OTD) (FBI)

From: [Redacted] (ITD) (FBI)
Sent: Monday, November 08, 2004 1:45 PM
To: [Redacted] (ITD) (CON)
Cc: [Redacted] (ITD) (CON); [Redacted] (ITD) (FBI); [Redacted] (ITD) (FBI); [Redacted] (ITD) (FBI)
Subject: Gratitude for Special Support

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

Hi [Redacted]

b6
b7C

I just wanted to extend my gratitude to [Redacted] for the operational support he is providing. Specifically [Redacted] is instrumental in helping with the development and deployment of the DCS-3000 [Redacted] system. SLC was the first official test site approved from the security office which assisted us in order to determine the robustness of our system. It was during this test phase that improvements were developed by Raytheon and incorporated into our latest TIU Software base-line. The new software enables the CCC and CDC data to be correlated using a time-based algorithm. A vast improvement from hard copies and manual correlation. Although the new software hasn't been validated [Redacted] continues to provide us with invaluable information. His efforts continue to help us gain great strides as we begin to establish new operations throughout the field. His expertise and knowledge has assisted us in completing our initial goals. We are fortunate to have him on our side. More than thanks are truly in order.

Regards,
[Redacted]

~~SENSITIVE BUT UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (TD) (FBI)
Sent: Wednesday, October 13, 2004 3:27 PM
To: [redacted] (TD) (FBI)
Cc: [redacted] (TD) (CON); [redacted] (TD) (FBI)
Subject: DCS-3000 Upgrades for [redacted]

~~UNCLASSIFIED~~
~~NON-RECORD~~

b2
b6
b7C
b7E

[redacted]

[redacted] and I spoke briefly about the best approach to upgrade DCS-3000 applications on the [redacted] machines during their life cycle. Please ponder a bit on this and let me know what you decide.

I guess I would prefer not being responsible for upgrading them from ERF via [redacted]

thnx
[redacted]

~~UNCLASSIFIED~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, August 24, 2006 1:00 PM
To: [redacted] (HN) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: RE: DCS5000/Different time zones/dates/Hi LO Server

(S)
~~SECRET~~
~~RECORD~~ [redacted]

b1
b6
b7C

Guys,

[redacted] wrote:

"Honolulu needs to configure the intercepts on the [redacted] and on the low side machine. If the data arrives at the [redacted] at or near the same time as the audio is received the [redacted] will correlate the two data streams, regardless of the time stamp in the data. The linguist in Portland should see a HN timestamp in the session window - very close examination in the telephony log will reveal the [redacted] timestamp. But, I don't think the linguist are looking at the telephony log timestamps - shouldn't be a problem."

FYI:

There are many issues with the OWP and inconveniences are being experienced by Case Agents, Linguists, ERF, etc. We can get your OWP set up, but you'll have to deal with the problems currently facing the system. It's your call to whether to implement as is, or wait?

Thnx,
-ca

-----Original Message-----

~~SECRET~~

~~SECRET~~

From: [redacted] (HN) (FBI)
Sent: Thursday, August 24, 2006 12:52 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: FW: DCS5000/Different time zones/dates/HI LO Server

SECRET
RECORD [redacted]

Can any status on this be reported to [redacted] or I?

Thanks,

[redacted]
TTA Honolulu Division
[redacted] Desk
[redacted] Cell

b1
b6
b7C

-----Original Message-----

From: [redacted] (HN) (FBI)
Sent: Thursday, August 17, 2006 11:16 AM
To: [redacted] (OTD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: FW: DCS5000/Different time zones/dates/HI LO Server

SECRET
RECORD [redacted]

Can you help us on this?

SA [redacted]
Tech Advisor
FBI - Honolulu
[redacted] (O)
[redacted] (C)

-----Original Message-----

From: [redacted] (HN) (FBI)
Sent: Wednesday, August 16, 2006 4:02 PM
To: [redacted] (OTD) (FBI)
Cc: [redacted] (HN) (FBI); [redacted] (HN) (FBI)
Subject: DCS5000/Different time zones/dates/HI LO Server

b1
b6
b7C

SECRET
RECORD [redacted]

Got a situation hopefully you can help us.

HN has a FISA in [redacted]

[redacted] The CCC and CDC are brought to HN and then WAN to HQ where the LS is located. We are using the GR30 solution to bring the CDC to the DCS3000 and audio is coming through separate B1 lines to the DCS5000. The CCC is currently being WAN out, and the CDC is being put into Telephone Applications where the LS will match them.

The CCC being received on the 5000 is showing HN time. We need the 5000 to match the CCC and CDC if it can be done. Our understanding is the 5000 will not match the CCC and the CDC as the times/date are vastly different. Or, will the 5000 match the CDC and CCC according to the time received in HN, notwithstanding the actual date/time shown in the CDC (which will be [redacted])

b2
b7E

~~SECRET~~

(Example: Calls are made on 8/16/06, in [redacted] In HN, the 5000 will receive the calls on 8/15/06 as HN [redacted]
[redacted] The DCS3000 in HN will also show the calls made on [redacted]

I understand we need to go through the HI/LO server on a one-way push for the CDC to the 5000. We never used the HI LO for any previous calls. Any info on how we should do this is appreciated.

b2
b7E

This FISA will be long term. If the CCC and CDC are not matched in the 5000 can there be software changes so we have a solution?

Our situation may be unique to the bureau since HN jurisdiction [redacted]
[redacted]

Thanks
[redacted]

TTA Honolulu Division
[redacted] Desk
[redacted] Cell

b6
b7C

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations~~
~~DECLASSIFICATION EXEMPTION 1~~
~~SECRET~~

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations~~
~~DECLASSIFICATION EXEMPTION 1~~
~~SECRET~~

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations~~
~~DECLASSIFICATION EXEMPTION 1~~
~~SECRET~~

~~DERIVED FROM: G-3 FBI Classification Guide G-3, dated 1/97, Foreign CounterIntelligence Investigations~~
~~DECLASSIFICATION EXEMPTION 1~~
~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Monday, August 14, 2006 12:05 PM
To: [redacted] (OTD) (FBI)
Subject: FW: RW vs DCS3000

(S)

~~SECRET~~
~~RECORD~~

b1
b6
b7C

Do you have this?

—Original Message—

From: [redacted] (OTD) (FBI)
Sent: Wednesday, August 09, 2006 7:47 PM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: RW vs DCS3000

~~SECRET~~

~~SECRET~~

(S) ~~SECRET~~
~~RECORD~~

b1

I forwarded all the RW sessions I had for 8/8-9/06 (up through about 1530 hrs) and attached is a copy of the DCS3000 report for this same period. You will see that DCS shows Associated DNs in some sessions and RW does not. You will see that DCS3000 shows more calls than RW reports. Thanks for all you've already done.



8583826344_All.rpt
.txt (24 KB)...

~~DERIVED FROM: Multiple Sources~~
~~DECLASSIFICATION EXEMPTION 4~~
~~SECRET~~

~~DERIVED FROM: Multiple Sources~~
~~DECLASSIFICATION EXEMPTION 1~~
~~SECRET~~

[REDACTED] (OTD) (FBI)

From: [REDACTED] (OTD) (FBI)
Sent: Monday, July 17, 2006 2:12 PM
To: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI)
Cc: [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (CON)
Subject: FW: Contingency plan information

~~UNCLASSIFIED~~
~~NON-RECORD~~

[REDACTED]

Can your ISSO provide the information requested for the DCS-3000?

Thnx,
-ca

b6
b7C

-----Original Message-----

From: [REDACTED] (SecD) (FBI)
Sent: Monday, July 17, 2006 12:16 PM
To: [REDACTED] (OTD) (CON)
Cc: [REDACTED] (OTD) (CON); [REDACTED] (OTD) (FBI); [REDACTED] (OTD) (FBI)
Subject: RE: Contingency plan information

~~UNCLASSIFIED~~
~~NON-RECORD~~

Mr. [REDACTED]

I need contingency plan results for the following systems:

Data Collection System 3000

~~SECRET~~

~~SECRET~~Thank you,
[redacted]b6
b7C

-----Original Message-----

From: [redacted] (OTD) (FBI)
Sent: Monday, July 17, 2006 12:12 PM
To: [redacted] (SecD) (FBI)
Cc: [redacted] (OTD)(CON); [redacted] (OTD) (CON); [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Subject: RE: Contingency plan information

~~UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]

Per our phonecon - [redacted] is the ISSO for the systems in question. I'm sure he will be able to provide anything you need. Though I believe that he may be out of the office at least part of this week.

b6
b7C

[redacted]

Supervisory Engineering Technician
ELSUR Technology Management Unit (ETMU)
Electronic Surveillance Technology Section (ESTS)
Operational Technology Division (OTD)
ERF, Quantico, VA
Tel: (703) [redacted]
Cell: (202) [redacted]
Fax: (703) [redacted]

-----Original Message-----

From: [redacted] (SecD) (FBI)
Sent: Monday, July 17, 2006 11:26 AM
To: [redacted] (OTD) (FBI)
Subject: Contingency plan information

~~UNCLASSIFIED~~
~~NON-RECORD~~

[redacted]

I need contingency plan results for the following systems:

Data Collection System 3000
Data Collection System 5000

b6
b7CThanks,
[redacted]~~UNCLASSIFIED~~~~UNCLASSIFIED~~~~SECRET~~

~~SECRET~~

~~UNCLASSIFIED~~

~~UNCLASSIFIED~~

[redacted] (OTD) (FBI) b6 b7C

From: [redacted] (OTD) (FBI)
Sent: Tuesday, May 30, 2006 1:52 PM
To: [redacted] (NY) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (NY) (FBI); [redacted] (NY) (FBI); [redacted] (NY) (FBI);
[redacted] (NY) (FBI); [redacted] (NY) (FBI)
Subject: RE: DCS-3000 to RW testing

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

Try setting the following features from "False" to "True" as listed below. Pick a handful of very busy targets to test.

- 1) Choose Target Line:
1a) SupressSMS = True
1b) SupressLocation = True

Let us know if this makes a difference.

Thnx,
-ca

-----Original Message-----

From: [redacted] (NY) (FBI)
Sent: Tuesday, May 30, 2006 9:00 AM
To: [redacted] (OTD) (FBI); [redacted] (OTD) (FBI)
Cc: [redacted] (NY) (FBI); [redacted] (NY) (FBI); [redacted] (NY) (FBI); [redacted] (NY) (FBI); [redacted] (NY) (FBI)
Subject: DCS-3000 to RW testing

~~SENSITIVE BUT UNCLASSIFIED~~
~~NON-RECORD~~

b6
b7C

Guys,

We have been looking at the cell phones from the DCS-3000 that we put into RW for CDC. It seems to be working well with two minor issues. One is that it changes the description in the playback field from V to D every time because of the CDC message. Not a big deal. The second issue is every time we get a CDC message there is a 0 second session that follows the call. It is some where between 30 seconds to 2 minutes after the call. We looked at some of them and it looks like it is some kind of message release signal being sent down the line. It is happening on all the cell phones, not just specific companies. Any ideas for fixes? Thanks.

TTA [redacted]
NYO Squad SO-1
work: 212 [redacted]
cell: [redacted]

~~SENSITIVE BUT UNCLASSIFIED~~

~~SENSITIVE BUT UNCLASSIFIED~~

~~SECRET~~

~~SECRET~~

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Thursday, May 11, 2006 4:54 PM
To: [redacted] (NY) (FBI)
Cc: [redacted] (OTD) (FBI); [redacted] (OTD) (CON); [redacted]
Subject: [redacted] (OTD) (FBI)
NYC Revisit

UNCLASSIFIED
NON-RECORD

b6
b7C
b6
b7C

[redacted] and I are planning another trip to your FO, Weds. 5/17/06 to troubleshoot the DCS-3000/5000 [redacted]
Please let us know if that works with you and whom are POC will be.

Later,

b6
b7C

703 [redacted]

UNCLASSIFIED

[redacted] (OTD) (FBI)

From: [redacted] (OTD) (FBI)
Sent: Monday, February 27, 2006 8:28 AM
To: [redacted] (NY) (FBI)
Cc: [redacted] (NY) (FBI); [redacted] (NY) (FBI); [redacted]
(OTD) (FBI); [redacted] (OTD) (FBI)
Subject: FW: RW upgrade and CALEA
Importance: High

SENSITIVE BUT UNCLASSIFIED
NON-RECORD

[redacted]
[redacted] and I are planning to perform the install this Wed, 01Mar06. Does this work with you?

Also:

- 1) Is the DSL circuit installed and ready to go?
- 2) To support the new equipt, what type of rack do you have - square holes or round self-tapped holes?
- 3) RW NY#1 or #2 - what type of kvm switch, cable type -Cat5 or PS2/Video, and is there an available port?

Talk to you soon,

~~SECRET~~